

**Figure E-2.**  
**Agency: Caltrans**  
**Funding: Federal**  
**Type: Construction and Engineering**  
**Time Period: 2002-April 2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 5,346  | \$4,014,306                                | \$4,115,694                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 2,261  | \$604,640                                  | \$637,627  | 15.5  | 16.9   | -1.4                                   | 91.5                                |
| (3) WBE                                    | 606  | \$224,484                                  | \$237,521  | 5.8   | 4.5  | 1.3                                    | 127.9                               |
| (4) MBE                                    | 1,658  | \$380,416                                  | \$400,366  | 9.7   | 12.4   | -2.7                                   | 78.3                                |
| (5) African American-owned                 | 95   | \$35,580                                   | \$37,913   | 0.9   | 2.4  | -1.5                                   | 38.3                                |
| (6) Total Asian American-owned             | 333  | \$48,600                                   | \$64,710   | 1.6   | 2.0  | -0.4                                   | 77.8                                |
| (7) Asian-Pacific American-owned           | 176  | \$19,182                                   | \$23,590   | 0.6   | 1.5  | -1.0                                   | 37.6                                |
| (8) Subcontinent Asian American-owned      | 151  | \$29,341                                   | \$40,998   | 1.0   | 0.5  | 0.5                                    | 201.2                               |
| (9) Hispanic American-owned                | 693  | \$261,021                                  | \$276,794  | 6.7   | 7.3  | -0.6                                   | 92.3                                |
| (10) Native American-owned                 | 193  | \$20,127                                   | \$20,949   | 0.5   | 0.7  | -0.2                                   | 72.7                                |
| (11) Unknown MBE                           | 344  | \$15,089                                   |  |   |  |  |                                     |
| (12) DBE-certified                         | 1,846  | \$393,251                                  | \$414,980  | 10.1  |  |  |                                     |
| (13) Women-owned DBE                       | 387  | \$50,333                                   | \$54,026   | 1.3   |  |  |                                     |
| (14) Minority-owned DBE                    | 1,440  | \$336,005                                  | \$361,021  | 8.8   |  |  |                                     |
| (14) African American-owned DBE            | 90   | \$31,716                                   | \$34,567   | 0.8   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 274  | \$41,715                                   | \$57,998   | 1.4   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 157  | \$17,414                                   | \$21,542   | 0.5   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 114  | \$24,278                                   | \$36,394   | 0.9   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 557  | \$228,390                                  | \$247,261  | 6.0   |  |  |                                     |
| (20) Native American-owned DBE             | 187  | \$19,736                                   | \$20,930   | 0.5   |  |  |                                     |
| (21) White male-owned DBE                  | 1  | \$65                                       | \$193  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 329  | \$14,189                                   |  |   |  |  |                                     |
| (23) Unknown DBE                           | 21   | \$7,107                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-3.**  
**Agency: Caltrans**  
**Funding: Federal**  
**Type: Construction and Engineering**  
**Time Period: May-Dec 2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 68   | \$73,672                                   | \$77,788   |   |  |  |                                     |
| (2) MBE/WBE                                | 24   | \$3,420                                    | \$4,790  | 6.2   | 13.0   | -6.8                                   | 47.4                                |
| (3) WBE                                    | 5  | \$1,337                                    | \$1,337  | 1.7   | 3.9  | -2.2                                   | 43.6                                |
| (4) MBE                                    | 20   | \$2,092                                    | \$3,462  | 4.5   | 9.1  | -4.6                                   | 49.1                                |
| (5) African American-owned                 | 1  | \$683                                      | \$727  | 0.9   | 2.0  | -1.1                                   | 45.9                                |
| (6) Total Asian American-owned             | 6  | \$259                                      | \$276  | 0.4   | 1.4  | -1.1                                   | 24.8                                |
| (7) Asian-Pacific American-owned           | 1  | \$5  | \$6  | 0.0   | 1.1  | -1.1                                   | 0.7                                 |
| (8) Subcontinent Asian American-owned      | 5  | \$254                                      | \$270  | 0.3   | 0.3  | 0.1                                    | 122.4                               |
| (9) Hispanic American-owned                | 4  | \$937                                      | \$2,455  | 3.2   | 4.8  | -1.7                                   | 65.4                                |
| (10) Native American-owned                 | 2  | \$5  | \$5  | 0.0   | 0.7  | -0.7                                   | 0.8                                 |
| (11) Unknown MBE                           | 7  | \$208                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 22   | \$2,195                                    | \$3,565  | 4.6   |  |  |                                     |
| (13) Women-owned DBE                       | 3  | \$103                                      | \$104  | 0.1   |  |  |                                     |
| (14) Minority-owned DBE                    | 19   | \$2,070                                    | \$3,469  | 4.5   |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$683                                      | \$734  | 0.9   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 4  | \$228                                      | \$245  | 0.3   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 1  | \$5  | \$6  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 3  | \$223                                      | \$239  | 0.3   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 4  | \$937                                      | \$2,477  | 3.2   |  |  |                                     |
| (20) Native American-owned DBE             | 2  | \$5  | \$5  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 7  | \$208                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$30                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-4.**  
**Agency: Caltrans**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-Apr 2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 4,915  | \$3,883,036                                | \$3,883,036                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 2,061  | \$563,145                                  | \$563,145  | 14.5  | 16.3   | -1.8                                   | 89.0                                |
| (3) WBE                                    | 544  | \$212,252                                  | \$212,252  | 5.5   | 4.3  | 1.1                                    | 125.7                               |
| (4) MBE                                    | 1,520  | \$351,154                                  | \$351,154  | 9.0   | 12.0   | -2.9                                   | 75.6                                |
| (5) African American-owned                 | 82   | \$34,005                                   | \$35,512   | 0.9   | 2.3  | -1.4                                   | 39.0                                |
| (6) Total Asian American-owned             | 265  | \$32,264                                   | \$33,694   | 0.9   | 1.7  | -0.8                                   | 52.5                                |
| (7) Asian-Pacific American-owned           | 132  | \$13,686                                   | \$14,292   | 0.4   | 1.3  | -0.9                                   | 29.2                                |
| (8) Subcontinent Asian American-owned      | 131  | \$18,538                                   | \$19,360   | 0.5   | 0.4  | 0.1                                    | 126.9                               |
| (9) Hispanic American-owned                | 645  | \$249,927                                  | \$261,003  | 6.7   | 7.3  | -0.6                                   | 92.4                                |
| (10) Native American-owned                 | 192  | \$20,056                                   | \$20,945   | 0.5   | 0.7  | -0.1                                   | 79.9                                |
| (11) Unknown MBE                           | 336  | \$14,901                                   |  |   |  |  |                                     |
| (12) DBE-certified                         | 1,689  | \$363,752                                  | \$363,752  | 9.4   |  |  |                                     |
| (13) Women-owned DBE                       | 341  | \$45,376                                   | \$46,276   | 1.2   |  |  |                                     |
| (14) Minority-owned DBE                    | 1,332  | \$311,558                                  | \$317,736  | 8.2   |  |  |                                     |
| (14) African American-owned DBE            | 77   | \$30,141                                   | \$32,194   | 0.8   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 222  | \$27,469                                   | \$29,340   | 0.8   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 125  | \$13,347                                   | \$14,256   | 0.4   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 97   | \$14,121                                   | \$15,083   | 0.4   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 518  | \$219,882                                  | \$234,857  | 6.0   |  |  |                                     |
| (20) Native American-owned DBE             | 187  | \$19,736                                   | \$21,080   | 0.5   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 325  | \$14,071                                   |  |   |  |  |                                     |
| (23) Unknown DBE                           | 19   | \$7,077                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-5.**  
**Agency: Caltrans**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: May-Dec 2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 62   | \$71,375                                   | \$71,375   |   |  |  |                                     |
| (2) MBE/WBE                                | 21   | \$2,496                                    | \$2,496  | 3.5   | 10.9   | -7.4                                   | 32.2                                |
| (3) WBE                                    | 5  | \$1,337                                    | \$1,337  | 1.9   | 3.3  | -1.4                                   | 57.1                                |
| (4) MBE                                    | 17   | \$1,168                                    | \$1,168  | 1.6   | 7.6  | -6.0                                   | 21.6                                |
| (5) African American-owned                 | 1  | \$683                                      | \$831  | 1.2   | 1.8  | -0.7                                   | 63.8                                |
| (6) Total Asian American-owned             | 4  | \$20                                       | \$24   | 0.0   | 0.6  | -0.5                                   | 5.9                                 |
| (7) Asian-Pacific American-owned           | 1  | \$5  | \$7  | 0.0   | 0.5  | -0.5                                   | 1.9                                 |
| (8) Subcontinent Asian American-owned      | 3  | \$14                                       | \$18   | 0.0   | 0.1  | -0.1                                   | 31.7                                |
| (9) Hispanic American-owned                | 3  | \$252                                      | \$307  | 0.4   | 4.4  | -4.0                                   | 9.8                                 |
| (10) Native American-owned                 | 2  | \$5  | \$6  | 0.0   | 0.8  | -0.7                                   | 1.0                                 |
| (11) Unknown MBE                           | 7  | \$208                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 20   | \$1,293                                    | \$1,293  | 1.8   |  |  |                                     |
| (13) Women-owned DBE                       | 3  | \$103                                      | \$106  | 0.1   |  |  |                                     |
| (14) Minority-owned DBE                    | 17   | \$1,168                                    | \$1,196  | 1.7   |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$683                                      | \$852  | 1.2   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 3  | \$11                                       | \$14   | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 1  | \$5  | \$7  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 2  | \$6  | \$7  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 3  | \$252                                      | \$315  | 0.4   |  |  |                                     |
| (20) Native American-owned DBE             | 2  | \$5  | \$6  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 7  | \$208                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$30                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-6.**  
**Agency: Caltrans**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 437  | \$133,567                                  | \$239,072  |   |  |  |                                     |
| (2) MBE/WBE                                | 203  | \$42,419                                   | \$76,776   | 32.1  | 27.4   | 4.7                                    | 117.0                               |
| (3) WBE                                    | 62   | \$12,232                                   | \$25,269   | 10.6  | 7.3  | 3.3                                    | 144.5                               |
| (4) MBE                                    | 141  | \$30,187                                   | \$51,507   | 21.5  | 20.1   | 1.4                                    | 107.0                               |
| (5) African American-owned                 | 13   | \$1,575                                    | \$2,476  | 1.0   | 3.4  | -2.3                                   | 30.9                                |
| (6) Total Asian American-owned             | 70   | \$16,575                                   | \$30,473   | 12.7  | 8.1  | 4.6                                    | 156.8                               |
| (7) Asian-Pacific American-owned           | 44   | \$5,496                                    | \$9,080  | 3.8   | 5.9  | -2.1                                   | 63.9                                |
| (8) Subcontinent Asian American-owned      | 22   | \$11,042                                   | \$21,315   | 8.9   | 2.2  | 6.7                                    | 408.4                               |
| (9) Hispanic American-owned                | 49   | \$11,779                                   | \$18,469   | 7.7   | 7.5  | 0.2                                    | 102.4                               |
| (10) Native American-owned                 | 1  | \$71                                       | \$90   | 0.0   | 1.1  | -1.1                                   | 3.4                                 |
| (11) Unknown MBE                           | 8  | \$187                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 159  | \$30,401                                   | \$53,500   | 22.4  |  |  |                                     |
| (13) Women-owned DBE                       | 46   | \$4,957                                    | \$7,729  | 3.2   |  |  |                                     |
| (14) Minority-owned DBE                    | 110  | \$25,349                                   | \$45,581   | 19.1  |  |  |                                     |
| (14) African American-owned DBE            | 13   | \$1,575                                    | \$2,474  | 1.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 53   | \$14,463                                   | \$27,657   | 11.6  |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 32   | \$4,066                                    | \$7,021  | 2.9   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 18   | \$10,374                                   | \$20,576   | 8.6   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 40   | \$9,193                                    | \$15,451   | 6.5   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 1  | \$65                                       | \$190  | 0.1   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 4  | \$118                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 2  | \$30                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-7.**  
**Agency: Caltrans**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 711  | \$2,798,091                                | \$2,798,091                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 71   | \$138,670                                  | \$138,670  | 5.0   | 9.5  | -4.5                                   | 52.2                                |
| (3) WBE                                    | 15   | \$75,609                                   | \$75,609   | 2.7   | 2.4  | 0.3                                    | 111.7                               |
| (4) MBE                                    | 56   | \$63,061                                   | \$63,061   | 2.3   | 7.1  | -4.8                                   | 31.9                                |
| (5) African American-owned                 | 2  | \$19,589                                   | \$19,589   | 0.7   | 2.5  | -1.8                                   | 27.7                                |
| (6) Total Asian American-owned             | 7  | \$4,824                                    | \$4,824  | 0.2   | 1.1  | -0.9                                   | 16.0                                |
| (7) Asian-Pacific American-owned           | 3  | \$3,380                                    | \$3,380  | 0.1   | 0.8  | -0.7                                   | 15.6                                |
| (8) Subcontinent Asian American-owned      | 4  | \$1,443                                    | \$1,443  | 0.1   | 0.3  | -0.3                                   | 16.9                                |
| (9) Hispanic American-owned                | 42   | \$36,350                                   | \$36,350   | 1.3   | 3.0  | -1.7                                   | 43.1                                |
| (10) Native American-owned                 | 5  | \$2,298                                    | \$2,298  | 0.1   | 0.5  | -0.4                                   | 18.2                                |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 44   | \$56,577                                   | \$56,577   | 2.0   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 42   | \$53,599                                   | \$56,577   | 2.0   |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$19,331                                   | \$20,405   | 0.7   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 6  | \$3,878                                    | \$4,094  | 0.1   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 3  | \$3,380                                    | \$3,568  | 0.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 3  | \$498                                      | \$525  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 30   | \$28,092                                   | \$29,653   | 1.1   |  |  |                                     |
| (20) Native American-owned DBE             | 5  | \$2,298                                    | \$2,425  | 0.1   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 2  | \$2,978                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-8.**  
**Agency: Caltrans**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-Apr 2006**  
**Role: Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 4,215  | \$1,146,446                                | \$1,146,446                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 1,991  | \$424,819                                  | \$424,819  | 37.1  | 32.1   | 4.9                                    | 115.3                               |
| (3) WBE                                    | 530  | \$136,986                                  | \$136,986  | 11.9  | 8.8  | 3.1                                    | 135.3                               |
| (4) MBE                                    | 1,464  | \$288,093                                  | \$288,093  | 25.1  | 23.3   | 1.8                                    | 107.8                               |
| (5) African American-owned                 | 80   | \$14,416                                   | \$15,202   | 1.3   | 1.9  | -0.6                                   | 70.3                                |
| (6) Total Asian American-owned             | 258  | \$27,441                                   | \$28,937   | 2.5   | 3.0  | -0.4                                   | 85.1                                |
| (7) Asian-Pacific American-owned           | 129  | \$10,306                                   | \$10,868   | 0.9   | 2.4  | -1.4                                   | 39.8                                |
| (8) Subcontinent Asian American-owned      | 127  | \$17,095                                   | \$18,027   | 1.6   | 0.6  | 1.0                                    | 268.4                               |
| (9) Hispanic American-owned                | 603  | \$213,576                                  | \$225,226  | 19.6  | 17.2   | 2.4                                    | 114.0                               |
| (10) Native American-owned                 | 187  | \$17,758                                   | \$18,727   | 1.6   | 1.2  | 0.4                                    | 136.3                               |
| (11) Unknown MBE                           | 336  | \$14,901                                   |  |   |  |  |                                     |
| (12) DBE-certified                         | 1,645  | \$307,175                                  | \$307,175  | 26.8  |  |  |                                     |
| (13) Women-owned DBE                       | 341  | \$45,376                                   | \$45,990   | 4.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 1,290  | \$257,959                                  | \$261,445  | 22.8  |  |  |                                     |
| (14) African American-owned DBE            | 76   | \$10,809                                   | \$11,588   | 1.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 216  | \$23,591                                   | \$25,291   | 2.2   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 122  | \$9,967                                    | \$10,685   | 0.9   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 94   | \$13,624                                   | \$14,605   | 1.3   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 488  | \$191,790                                  | \$205,608  | 17.9  |  |  |                                     |
| (20) Native American-owned DBE             | 182  | \$17,438                                   | \$18,695   | 1.6   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 325  | \$14,071                                   |  |   |  |  |                                     |
| (23) Unknown DBE                           | 17   | \$4,099                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-9.**  
**Agency: Caltrans**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: May-Dec 2006**  
**Role: Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 51   | \$9,873                                    | \$9,873  |   |  |  |                                     |
| (2) MBE/WBE                                | 20   | \$2,152                                    | \$2,152  | 21.8  | 32.2   | -10.4                                  | 67.6                                |
| (3) WBE                                    | 4  | \$992                                      | \$992  | 10.1  | 12.1   | -2.1                                   | 82.9                                |
| (4) MBE                                    | 17   | \$1,168                                    | \$1,168  | 11.8  | 20.1   | -8.3                                   | 58.8                                |
| (5) African American-owned                 | 1  | \$683                                      | \$831  | 8.4   | 1.9  | 6.5                                    | 438.7                               |
| (6) Total Asian American-owned             | 4  | \$20                                       | \$24   | 0.2   | 1.4  | -1.2                                   | 17.1                                |
| (7) Asian-Pacific American-owned           | 1  | \$5  | \$7  | 0.1   | 1.1  | -1.1                                   | 5.9                                 |
| (8) Subcontinent Asian American-owned      | 3  | \$14                                       | \$18   | 0.2   | 0.3  | -0.1                                   | 60.7                                |
| (9) Hispanic American-owned                | 3  | \$252                                      | \$307  | 3.1   | 13.8   | -10.7                                  | 22.6                                |
| (10) Native American-owned                 | 2  | \$5  | \$6  | 0.1   | 2.8  | -2.7                                   | 2.0                                 |
| (11) Unknown MBE                           | 7  | \$208                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 20   | \$1,293                                    | \$1,293  | 13.1  |  |  |                                     |
| (13) Women-owned DBE                       | 3  | \$103                                      | \$106  | 1.1   |  |  |                                     |
| (14) Minority-owned DBE                    | 17   | \$1,168                                    | \$1,196  | 12.1  |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$683                                      | \$852  | 8.6   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 3  | \$11                                       | \$14   | 0.1   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 1  | \$5  | \$7  | 0.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 2  | \$6  | \$7  | 0.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 3  | \$252                                      | \$315  | 3.2   |  |  |                                     |
| (20) Native American-owned DBE             | 2  | \$5  | \$6  | 0.1   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 7  | \$208                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$30                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.



**Figure E-10.**  
**Agency: Caltrans**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 97   | \$93,058                                   | \$165,427  |   |  |  |                                     |
| (2) MBE/WBE                                | 23   | \$16,730                                   | \$33,319   | 20.1  | 24.2   | -4.0                                   | 83.4                                |
| (3) WBE                                    | 8  | \$7,944                                    | \$18,069   | 10.9  | 5.6  | 5.3                                    | 193.4                               |
| (4) MBE                                    | 15   | \$8,787                                    | \$15,249   | 9.2   | 18.5   | -9.3                                   | 49.8                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 3.6  | -3.6                                   | 0.0                                 |
| (6) Total Asian American-owned             | 8  | \$3,845                                    | \$7,996  | 4.8   | 6.3  | -1.4                                   | 77.3                                |
| (7) Asian-Pacific American-owned           | 6  | \$1,752                                    | \$1,948  | 1.2   | 4.9  | -3.8                                   | 23.9                                |
| (8) Subcontinent Asian American-owned      | 2  | \$2,093                                    | \$6,048  | 3.7   | 1.3  | 2.3                                    | 276.6                               |
| (9) Hispanic American-owned                | 7  | \$4,942                                    | \$7,253  | 4.4   | 7.6  | -3.2                                   | 58.1                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.1  | -1.1                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 13   | \$8,131                                    | \$14,499   | 8.8   |  |  |                                     |
| (13) Women-owned DBE                       | 5  | \$2,032                                    | \$2,342  | 1.4   |  |  |                                     |
| (14) Minority-owned DBE                    | 8  | \$6,098                                    | \$12,157   | 7.3   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 4  | \$2,895                                    | \$6,972  | 4.2   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 3  | \$824                                      | \$947  | 0.6   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$2,071                                    | \$6,025  | 3.6   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 4  | \$3,203                                    | \$5,185  | 3.1   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-11.**  
**Agency: Caltrans**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 340  | \$40,509                                   | \$73,645   |   |  |  |                                     |
| (2) MBE/WBE                                | 180  | \$25,689                                   | \$43,457   | 59.0  | 34.8   | 24.2                                   | 169.5                               |
| (3) WBE                                    | 54   | \$4,288                                    | \$7,200  | 9.8   | 11.1   | -1.3                                   | 88.5                                |
| (4) MBE                                    | 126  | \$21,400                                   | \$36,257   | 49.2  | 23.8   | 25.5                                   | 207.2                               |
| (5) African American-owned                 | 13   | \$1,575                                    | \$2,485  | 3.4   | 2.9  | 0.5                                    | 118.1                               |
| (6) Total Asian American-owned             | 62   | \$12,730                                   | \$22,489   | 30.5  | 12.3   | 18.2                                   | 247.4                               |
| (7) Asian-Pacific American-owned           | 38   | \$3,744                                    | \$7,141  | 9.7   | 8.2  | 1.5                                    | 117.9                               |
| (8) Subcontinent Asian American-owned      | 20   | \$8,949                                    | \$15,271   | 20.7  | 4.1  | 16.6                                   | 503.6                               |
| (9) Hispanic American-owned                | 42   | \$6,837                                    | \$11,193   | 15.2  | 7.5  | 7.7                                    | 201.8                               |
| (10) Native American-owned                 | 1  | \$71                                       | \$90   | 0.1   | 1.0  | -0.9                                   | 11.8                                |
| (11) Unknown MBE                           | 8  | \$187                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 146  | \$22,270                                   | \$39,001   | 53.0  |  |  |                                     |
| (13) Women-owned DBE                       | 41   | \$2,925                                    | \$5,387  | 7.3   |  |  |                                     |
| (14) Minority-owned DBE                    | 102  | \$19,251                                   | \$33,424   | 45.4  |  |  |                                     |
| (14) African American-owned DBE            | 13   | \$1,575                                    | \$2,481  | 3.4   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 49   | \$11,568                                   | \$20,689   | 28.1  |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 29   | \$3,242                                    | \$6,084  | 8.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 17   | \$8,303                                    | \$14,545   | 19.7  |  |  |                                     |
| (19) Hispanic American-owned DBE           | 36   | \$5,990                                    | \$10,254   | 13.9  |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 1  | \$65                                       | \$190  | 0.3   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 4  | \$118                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 2  | \$30                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-12.**  
**Agency: Local Agency**  
**Funding: Federal**  
**Type: Construction and Engineering**  
**Time Period: 2002-Apr 2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 1,204  | \$1,571,477                                | \$3,803,609                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 482  | \$207,405                                  | \$548,429  | 14.4  | 18.6   | -4.2                                   | 77.4                                |
| (3) WBE                                    | 110  | \$64,248                                   | \$144,159  | 3.8   | 5.0  | -1.3                                   | 75.1                                |
| (4) MBE                                    | 372  | \$143,157                                  | \$404,270  | 10.6  | 13.6   | -3.0                                   | 78.3                                |
| (5) African American-owned                 | 11   | \$3,810                                    | \$8,553  | 0.2   | 2.2  | -2.0                                   | 10.0                                |
| (6) Total Asian American-owned             | 92   | \$42,998                                   | \$105,578  | 2.8   | 3.4  | -0.6                                   | 81.1                                |
| (7) Asian-Pacific American-owned           | 52   | \$35,199                                   | \$75,336   | 2.0   | 2.9  | -0.9                                   | 68.4                                |
| (8) Subcontinent Asian American-owned      | 33   | \$6,562                                    | \$27,486   | 0.7   | 0.5  | 0.2                                    | 136.5                               |
| (9) Hispanic American-owned                | 191  | \$88,928                                   | \$260,489  | 6.8   | 7.1  | -0.3                                   | 96.0                                |
| (10) Native American-owned                 | 19   | \$1,776                                    | \$29,650   | 0.8   | 0.8  | 0.0                                    | 101.3                               |
| (11) Unknown MBE                           | 59   | \$5,645                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 315  | \$110,726                                  | \$323,202  | 8.5   |  |  |                                     |
| (13) Women-owned DBE                       | 44   | \$7,998                                    | \$15,145   | 0.4   |  |  |                                     |
| (14) Minority-owned DBE                    | 270  | \$102,716                                  | \$307,911  | 8.1   |  |  |                                     |
| (14) African American-owned DBE            | 9  | \$2,533                                    | \$6,607  | 0.2   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 61   | \$32,822                                   | \$69,241   | 1.8   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 42   | \$30,105                                   | \$62,697   | 1.6   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 19   | \$2,716                                    | \$6,544  | 0.2   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 138  | \$62,351                                   | \$202,780  | 5.3   |  |  |                                     |
| (20) Native American-owned DBE             | 18   | \$1,448                                    | \$29,283   | 0.8   |  |  |                                     |
| (21) White male-owned DBE                  | 1  | \$13                                       | \$146  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 44   | \$3,561                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-13.**  
**Agency: Local Agency**  
**Funding: Federal**  
**Type: Construction and Engineering**  
**Time Period: May-Dec 2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 124  | \$40,696                                   | \$66,396   |   |  |  |                                     |
| (2) MBE/WBE                                | 48   | \$9,508                                    | \$14,562   | 21.9  | 18.3   | 3.7                                    | 120.2                               |
| (3) WBE                                    | 6  | \$1,651                                    | \$2,377  | 3.6   | 5.7  | -2.1                                   | 63.0                                |
| (4) MBE                                    | 42   | \$7,857                                    | \$12,185   | 18.4  | 12.6   | 5.8                                    | 146.0                               |
| (5) African American-owned                 | 1  | \$23                                       | \$34   | 0.1   | 1.9  | -1.9                                   | 2.7                                 |
| (6) Total Asian American-owned             | 14   | \$1,260                                    | \$2,698  | 4.1   | 2.9  | 1.2                                    | 142.5                               |
| (7) Asian-Pacific American-owned           | 10   | \$756                                      | \$1,968  | 3.0   | 2.2  | 0.7                                    | 132.8                               |
| (8) Subcontinent Asian American-owned      | 4  | \$505                                      | \$730  | 1.1   | 0.6  | 0.5                                    | 177.3                               |
| (9) Hispanic American-owned                | 21   | \$6,532                                    | \$9,453  | 14.2  | 7.0  | 7.3                                    | 203.9                               |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 0.8  | -0.8                                   | 0.0                                 |
| (11) Unknown MBE                           | 6  | \$41                                       |  |   |  |  |                                     |
| (12) DBE-certified                         | 33   | \$1,790                                    | \$3,448  | 5.2   |  |  |                                     |
| (13) Women-owned DBE                       | 2  | \$59                                       | \$85   | 0.1   |  |  |                                     |
| (14) Minority-owned DBE                    | 31   | \$1,731                                    | \$3,363  | 5.1   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 11   | \$720                                      | \$1,931  | 2.9   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 9  | \$658                                      | \$1,840  | 2.8   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 2  | \$62                                       | \$90   | 0.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 16   | \$983                                      | \$1,433  | 2.2   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 4  | \$29                                       |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-14.**  
**Agency: Local Agency**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002- Apr 2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 1,090  | \$1,502,242                                | \$3,483,483                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 439  | \$202,087                                  | \$518,911  | 14.9  | 18.1   | -3.2                                   | 82.1                                |
| (3) WBE                                    | 95   | \$61,206                                   | \$130,463  | 3.7   | 4.9  | -1.1                                   | 76.9                                |
| (4) MBE                                    | 344  | \$140,881                                  | \$388,448  | 11.2  | 13.3   | -2.1                                   | 84.1                                |
| (5) African American-owned                 | 11   | \$3,810                                    | \$8,539  | 0.2   | 2.3  | -2.0                                   | 10.7                                |
| (6) Total Asian American-owned             | 78   | \$41,495                                   | \$97,961   | 2.8   | 3.0  | -0.2                                   | 93.5                                |
| (7) Asian-Pacific American-owned           | 43   | \$34,709                                   | \$70,171   | 2.0   | 2.7  | -0.7                                   | 74.6                                |
| (8) Subcontinent Asian American-owned      | 33   | \$6,562                                    | \$27,443   | 0.8   | 0.3  | 0.5                                    | 254.7                               |
| (9) Hispanic American-owned                | 180  | \$88,399                                   | \$252,344  | 7.2   | 7.2  | 0.0                                    | 100.2                               |
| (10) Native American-owned                 | 19   | \$1,776                                    | \$29,604   | 0.8   | 0.7  | 0.1                                    | 118.8                               |
| (11) Unknown MBE                           | 56   | \$5,401                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 296  | \$109,741                                  | \$311,279  | 8.9   |  |  |                                     |
| (13) Women-owned DBE                       | 38   | \$7,762                                    | \$13,813   | 0.4   |  |  |                                     |
| (14) Minority-owned DBE                    | 257  | \$101,966                                  | \$297,320  | 8.5   |  |  |                                     |
| (14) African American-owned DBE            | 9  | \$2,533                                    | \$6,606  | 0.2   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 53   | \$32,337                                   | \$64,179   | 1.8   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 34   | \$29,621                                   | \$57,637   | 1.7   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 19   | \$2,716                                    | \$6,542  | 0.2   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 134  | \$62,169                                   | \$197,260  | 5.7   |  |  |                                     |
| (20) Native American-owned DBE             | 18   | \$1,448                                    | \$29,275   | 0.8   |  |  |                                     |
| (21) White male-owned DBE                  | 1  | \$13                                       | \$146  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 43   | \$3,478                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-15.**  
**Agency: Local Agency**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: May-Dec 2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 121  | \$40,552                                   | \$58,383   |   |  |  |                                     |
| (2) MBE/WBE                                | 47   | \$9,492                                    | \$13,666   | 23.4  | 16.2   | 7.2                                    | 144.7                               |
| (3) WBE                                    | 6  | \$1,651                                    | \$2,377  | 4.1   | 5.2  | -1.1                                   | 78.2                                |
| (4) MBE                                    | 41   | \$7,841                                    | \$11,289   | 19.3  | 11.0   | 8.4                                    | 176.2                               |
| (5) African American-owned                 | 1  | \$23                                       | \$34   | 0.1   | 1.7  | -1.7                                   | 3.4                                 |
| (6) Total Asian American-owned             | 13   | \$1,244                                    | \$1,799  | 3.1   | 1.1  | 1.9                                    | 268.3                               |
| (7) Asian-Pacific American-owned           | 9  | \$740                                      | \$1,068  | 1.8   | 1.1  | 0.7                                    | 168.7                               |
| (8) Subcontinent Asian American-owned      | 4  | \$505                                      | \$730  | 1.3   | 0.1  | 1.2                                    | 1,970.2                             |
| (9) Hispanic American-owned                | 21   | \$6,532                                    | \$9,456  | 16.2  | 7.3  | 8.9                                    | 220.6                               |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 0.8  | -0.8                                   | 0.0                                 |
| (11) Unknown MBE                           | 6  | \$41                                       |  |   |  |  |                                     |
| (12) DBE-certified                         | 32   | \$1,774                                    | \$2,552  | 4.4   |  |  |                                     |
| (13) Women-owned DBE                       | 2  | \$59                                       | \$85   | 0.1   |  |  |                                     |
| (14) Minority-owned DBE                    | 30   | \$1,715                                    | \$2,467  | 4.2   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 10   | \$704                                      | \$1,028  | 1.8   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 8  | \$642                                      | \$937  | 1.6   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 2  | \$62                                       | \$91   | 0.2   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 16   | \$983                                      | \$1,439  | 2.5   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 4  | \$29                                       |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-16.**  
**Agency: Local Agency**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 117  | \$69,379                                   | \$328,139  |   |  |  |                                     |
| (2) MBE/WBE                                | 44   | \$5,334                                    | \$30,414   | 9.3   | 24.1   | -14.8                                  | 38.4                                |
| (3) WBE                                    | 15   | \$3,041                                    | \$13,696   | 4.2   | 7.0  | -2.8                                   | 59.8                                |
| (4) MBE                                    | 29   | \$2,292                                    | \$16,718   | 5.1   | 17.1   | -12.0                                  | 29.7                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.7  | -1.7                                   | 0.0                                 |
| (6) Total Asian American-owned             | 15   | \$1,519                                    | \$8,711  | 2.7   | 8.0  | -5.4                                   | 33.0                                |
| (7) Asian-Pacific American-owned           | 10   | \$506                                      | \$6,223  | 1.9   | 5.1  | -3.2                                   | 37.1                                |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 2.9  | -2.9                                   | 0.0                                 |
| (9) Hispanic American-owned                | 11   | \$530                                      | \$8,006  | 2.4   | 6.0  | -3.6                                   | 40.5                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.3  | -1.3                                   | 0.0                                 |
| (11) Unknown MBE                           | 3  | \$244                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 20   | \$1,002                                    | \$12,819   | 3.9   |  |  |                                     |
| (13) Women-owned DBE                       | 6  | \$236                                      | \$1,332  | 0.4   |  |  |                                     |
| (14) Minority-owned DBE                    | 14   | \$766                                      | \$11,487   | 3.5   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 9  | \$501                                      | \$6,019  | 1.8   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 9  | \$501                                      | \$6,019  | 1.8   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 4  | \$182                                      | \$5,468  | 1.7   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 1  | \$83                                       |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-17.**  
**Agency: Local Agency**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 154  | \$1,086,630                                | \$2,568,212                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 15   | \$27,442                                   | \$107,421  | 4.2   | 12.7   | -8.5                                   | 33.0                                |
| (3) WBE                                    | 4  | \$7,128                                    | \$40,968   | 1.6   | 3.0  | -1.4                                   | 53.5                                |
| (4) MBE                                    | 11   | \$20,314                                   | \$66,452   | 2.6   | 9.7  | -7.1                                   | 26.7                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.6  | -2.6                                   | 0.0                                 |
| (6) Total Asian American-owned             | 2  | \$433                                      | \$15,222   | 0.6   | 2.9  | -2.3                                   | 20.4                                |
| (7) Asian-Pacific American-owned           | 1  | \$183                                      | \$1,112  | 0.0   | 2.9  | -2.8                                   | 1.5                                 |
| (8) Subcontinent Asian American-owned      | 1  | \$250                                      | \$14,109   | 0.5   | 0.1  | 0.5                                    | 913.0                               |
| (9) Hispanic American-owned                | 8  | \$19,598                                   | \$35,336   | 1.4   | 3.6  | -2.2                                   | 38.1                                |
| (10) Native American-owned                 | 1  | \$282                                      | \$15,894   | 0.6   | 0.6  | 0.0                                    | 105.0                               |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 9  | \$14,984                                   | \$45,029   | 1.8   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 9  | \$14,984                                   | \$45,029   | 1.8   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 1  | \$183                                      | \$1,112  | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 1  | \$183                                      | \$1,112  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 7  | \$14,519                                   | \$28,022   | 1.1   |  |  |                                     |
| (20) Native American-owned DBE             | 1  | \$282                                      | \$15,894   | 0.6   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.



**Figure E-18.**  
**Agency: Local Agency**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-Apr 2006**  
**Role: Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 960  | \$448,781                                  | \$963,025  |   |  |  |                                     |
| (2) MBE/WBE                                | 428  | \$181,760                                  | \$421,735  | 43.8  | 32.2   | 11.6                                   | 136.1                               |
| (3) WBE                                    | 92   | \$55,616                                   | \$91,709   | 9.5   | 9.8  | -0.2                                   | 97.6                                |
| (4) MBE                                    | 336  | \$126,144                                  | \$330,026  | 34.3  | 22.4   | 11.8                                   | 152.8                               |
| (5) African American-owned                 | 11   | \$3,810                                    | \$8,664  | 0.9   | 1.5  | -0.6                                   | 58.5                                |
| (6) Total Asian American-owned             | 76   | \$41,062                                   | \$82,691   | 8.6   | 3.2  | 5.4                                    | 272.2                               |
| (7) Asian-Pacific American-owned           | 42   | \$34,527                                   | \$69,975   | 7.3   | 2.2  | 5.1                                    | 329.3                               |
| (8) Subcontinent Asian American-owned      | 32   | \$6,311                                    | \$12,365   | 1.3   | 0.9  | 0.3                                    | 135.5                               |
| (9) Hispanic American-owned                | 175  | \$74,377                                   | \$226,071  | 23.5  | 16.6   | 6.8                                    | 141.0                               |
| (10) Native American-owned                 | 18   | \$1,494                                    | \$12,600   | 1.3   | 1.0  | 0.3                                    | 126.0                               |
| (11) Unknown MBE                           | 56   | \$5,401                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 289  | \$95,254                                   | \$266,967  | 27.7  |  |  |                                     |
| (13) Women-owned DBE                       | 38   | \$7,762                                    | \$13,813   | 1.4   |  |  |                                     |
| (14) Minority-owned DBE                    | 250  | \$87,479                                   | \$253,008  | 26.3  |  |  |                                     |
| (14) African American-owned DBE            | 9  | \$2,533                                    | \$6,709  | 0.7   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 52   | \$32,154                                   | \$63,953   | 6.6   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 33   | \$29,438                                   | \$57,308   | 6.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 19   | \$2,716                                    | \$6,645  | 0.7   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 129  | \$48,147                                   | \$170,174  | 17.7  |  |  |                                     |
| (20) Native American-owned DBE             | 17   | \$1,166                                    | \$12,172   | 1.3   |  |  |                                     |
| (21) White male-owned DBE                  | 1  | \$13                                       | \$146  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 43   | \$3,478                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-19.**  
**Agency: Local Agency**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: May-Dec 2006**  
**Role: Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 97   | \$7,383                                    | \$10,629   |   |  |  |                                     |
| (2) MBE/WBE                                | 43   | \$2,377                                    | \$3,421  | 32.2  | 32.1   | 0.1                                    | 100.3                               |
| (3) WBE                                    | 5  | \$113                                      | \$163  | 1.5   | 12.6   | -11.1                                  | 12.1                                |
| (4) MBE                                    | 38   | \$2,264                                    | \$3,258  | 30.7  | 19.5   | 11.2                                   | 157.4                               |
| (5) African American-owned                 | 1  | \$23                                       | \$34   | 0.3   | 2.5  | -2.1                                   | 13.2                                |
| (6) Total Asian American-owned             | 13   | \$1,244                                    | \$1,823  | 17.1  | 2.6  | 14.5                                   | 650.9                               |
| (7) Asian-Pacific American-owned           | 9  | \$740                                      | \$1,083  | 10.2  | 2.5  | 7.7                                    | 409.5                               |
| (8) Subcontinent Asian American-owned      | 4  | \$505                                      | \$740  | 7.0   | 0.1  | 6.8                                    | 4,732.2                             |
| (9) Hispanic American-owned                | 18   | \$955                                      | \$1,401  | 13.2  | 12.7   | 0.5                                    | 103.8                               |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.6  | -1.6                                   | 0.0                                 |
| (11) Unknown MBE                           | 6  | \$41                                       |  |   |  |  |                                     |
| (12) DBE-certified                         | 30   | \$1,276                                    | \$1,836  | 17.3  |  |  |                                     |
| (13) Women-owned DBE                       | 2  | \$59                                       | \$85   | 0.8   |  |  |                                     |
| (14) Minority-owned DBE                    | 28   | \$1,217                                    | \$1,751  | 16.5  |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 10   | \$704                                      | \$1,035  | 9.7   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 8  | \$642                                      | \$944  | 8.9   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 2  | \$62                                       | \$91   | 0.9   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 14   | \$485                                      | \$715  | 6.7   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 4  | \$29                                       |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-20.**  
**Agency: Local Agency**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 30   | \$57,918                                   | \$265,498  |   |  |  |                                     |
| (2) MBE/WBE                                | 3  | \$1,913                                    | \$11,113   | 4.2   | 21.6   | -17.4                                  | 19.4                                |
| (3) WBE                                    | 2  | \$1,908                                    | \$11,081   | 4.2   | 5.7  | -1.6                                   | 72.8                                |
| (4) MBE                                    | 1  | \$5  | \$32   | 0.0   | 15.9   | -15.8                                  | 0.1                                 |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.6  | -1.6                                   | 0.0                                 |
| (6) Total Asian American-owned             | 1  | \$5  | \$32   | 0.0   | 7.1  | -7.1                                   | 0.2                                 |
| (7) Asian-Pacific American-owned           | 1  | \$5  | \$32   | 0.0   | 4.3  | -4.3                                   | 0.3                                 |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 2.8  | -2.8                                   | 0.0                                 |
| (9) Hispanic American-owned                | 0  | \$0  | \$0  | 0.0   | 5.8  | -5.8                                   | 0.0                                 |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.4  | -1.4                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-21.**  
**Agency: Local Agency**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 87   | \$11,462                                   | \$62,641   |   |  |  |                                     |
| (2) MBE/WBE                                | 41   | \$3,421                                    | \$19,301   | 30.8  | 34.8   | -4.0                                   | 88.5                                |
| (3) WBE                                    | 13   | \$1,134                                    | \$2,615  | 4.2   | 12.3   | -8.1                                   | 34.0                                |
| (4) MBE                                    | 28   | \$2,287                                    | \$16,686   | 26.6  | 22.5   | 4.1                                    | 118.2                               |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.4  | -2.4                                   | 0.0                                 |
| (6) Total Asian American-owned             | 14   | \$1,514                                    | \$8,678  | 13.9  | 12.1   | 1.7                                    | 114.3                               |
| (7) Asian-Pacific American-owned           | 9  | \$501                                      | \$6,189  | 9.9   | 8.5  | 1.4                                    | 116.4                               |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 3.6  | -3.6                                   | 0.0                                 |
| (9) Hispanic American-owned                | 11   | \$530                                      | \$8,008  | 12.8  | 6.9  | 5.8                                    | 184.2                               |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.1  | -1.1                                   | 0.0                                 |
| (11) Unknown MBE                           | 3  | \$244                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 20   | \$1,002                                    | \$12,819   | 20.5  |  |  |                                     |
| (13) Women-owned DBE                       | 6  | \$236                                      | \$1,332  | 2.1   |  |  |                                     |
| (14) Minority-owned DBE                    | 14   | \$766                                      | \$11,487   | 18.3  |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 9  | \$501                                      | \$6,019  | 9.6   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 9  | \$501                                      | \$6,019  | 9.6   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 4  | \$182                                      | \$5,468  | 8.7   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 1  | \$83                                       |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-22.**  
**Agency: SR 125**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 11**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 123  | \$296,820                                  | \$296,820  |   |  |  |                                     |
| (2) MBE/WBE                                | 37   | \$19,369                                   | \$19,369   | 6.5   | 13.7   | -7.2                                   | 47.6                                |
| (3) WBE                                    | 15   | \$17,035                                   | \$17,035   | 5.7   | 2.3  | 3.4                                    | 246.3                               |
| (4) MBE                                    | 22   | \$2,334                                    | \$2,334  | 0.8   | 11.4   | -10.6                                  | 6.9                                 |
| (5) African American-owned                 | 2  | \$299                                      | \$315  | 0.1   | 3.1  | -3.0                                   | 3.4                                 |
| (6) Total Asian American-owned             | 9  | \$933                                      | \$981  | 0.3   | 0.8  | -0.5                                   | 40.0                                |
| (7) Asian-Pacific American-owned           | 4  | \$259                                      | \$273  | 0.1   | 0.4  | -0.3                                   | 24.4                                |
| (8) Subcontinent Asian American-owned      | 3  | \$599                                      | \$629  | 0.2   | 0.4  | -0.2                                   | 47.2                                |
| (9) Hispanic American-owned                | 9  | \$987                                      | \$1,038  | 0.3   | 7.3  | -6.9                                   | 4.8                                 |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 0.2  | -0.2                                   | 0.0                                 |
| (11) Unknown MBE                           | 2  | \$114                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 23   | \$4,033                                    | \$4,033  | 1.4   |  |  |                                     |
| (13) Women-owned DBE                       | 10   | \$2,647                                    | \$2,711  | 0.9   |  |  |                                     |
| (14) Minority-owned DBE                    | 12   | \$1,291                                    | \$1,322  | 0.4   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 3  | \$228                                      | \$256  | 0.1   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 3  | \$228                                      | \$256  | 0.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 7  | \$949                                      | \$1,066  | 0.4   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 2  | \$114                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$94                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-23.**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction and Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 6,865  | \$5,996,971                                | \$8,360,307                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 2,852  | \$844,342                                  | \$1,224,777                                      | 14.6  | 17.6   | -2.9                                   | 83.4                                |
| (3) WBE                                    | 742  | \$308,754                                  | \$402,429  | 4.8   | 4.7  | 0.1                                    | 102.8                               |
| (4) MBE                                    | 2,114  | \$535,857                                  | \$822,617  | 9.8   | 12.9   | -3.0                                   | 76.4                                |
| (5) African American-owned                 | 110  | \$40,396                                   | \$48,103   | 0.6   | 2.3  | -1.8                                   | 24.5                                |
| (6) Total Asian American-owned             | 454  | \$94,051                                   | \$173,445  | 2.1   | 2.6  | -0.5                                   | 79.3                                |
| (7) Asian-Pacific American-owned           | 243  | \$55,402                                   | \$100,162  | 1.2   | 2.1  | -0.9                                   | 56.8                                |
| (8) Subcontinent Asian American-owned      | 196  | \$37,259                                   | \$70,380   | 0.8   | 0.5  | 0.3                                    | 165.7                               |
| (9) Hispanic American-owned                | 918  | \$358,405                                  | \$550,679  | 6.6   | 7.2  | -0.6                                   | 91.6                                |
| (10) Native American-owned                 | 214  | \$21,908                                   | \$50,390   | 0.6   | 0.7  | -0.1                                   | 84.4                                |
| (11) Unknown MBE                           | 418  | \$21,096                                   |  |   |  |  |                                     |
| (12) DBE-certified                         | 2,239  | \$511,995                                  | \$749,228  | 9.0   |  |  |                                     |
| (13) Women-owned DBE                       | 446  | \$61,141                                   | \$71,774   | 0.9   |  |  |                                     |
| (14) Minority-owned DBE                    | 1,772  | \$443,813                                  | \$677,383  | 8.1   |  |  |                                     |
| (14) African American-owned DBE            | 100  | \$34,932                                   | \$42,234   | 0.5   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 353  | \$75,713                                   | \$129,532  | 1.5   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 212  | \$48,411                                   | \$85,846   | 1.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 138  | \$27,280                                   | \$43,623   | 0.5   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 722  | \$293,610                                  | \$455,274  | 5.4   |  |  |                                     |
| (20) Native American-owned DBE             | 207  | \$21,189                                   | \$50,071   | 0.6   |  |  |                                     |
| (21) White male-owned DBE                  | 2  | \$78                                       | \$339  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 386  | \$18,101                                   |  |   |  |  |                                     |
| (23) Unknown DBE                           | 23   | \$7,231                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-24.**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction and Engineering**  
**Time Period: 2002-Apr 2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 6,673  | \$5,882,603                                | \$8,216,123                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 2,780  | \$831,414                                  | \$1,205,425                                      | 14.7  | 17.6   | -2.9                                   | 83.4                                |
| (3) WBE                                    | 731  | \$305,766                                  | \$398,715  | 4.9   | 4.7  | 0.2                                    | 103.7                               |
| (4) MBE                                    | 2,052  | \$525,907                                  | \$806,969  | 9.8   | 12.9   | -3.1                                   | 76.0                                |
| (5) African American-owned                 | 108  | \$39,689                                   | \$47,382   | 0.6   | 2.4  | -1.8                                   | 24.5                                |
| (6) Total Asian American-owned             | 434  | \$92,532                                   | \$170,462  | 2.1   | 2.6  | -0.6                                   | 79.0                                |
| (7) Asian-Pacific American-owned           | 232  | \$54,641                                   | \$98,160   | 1.2   | 2.1  | -0.9                                   | 56.4                                |
| (8) Subcontinent Asian American-owned      | 187  | \$36,501                                   | \$69,397   | 0.8   | 0.5  | 0.3                                    | 165.9                               |
| (9) Hispanic American-owned                | 893  | \$350,936                                  | \$538,700  | 6.6   | 7.2  | -0.7                                   | 90.9                                |
| (10) Native American-owned                 | 212  | \$21,903                                   | \$50,426   | 0.6   | 0.7  | -0.1                                   | 86.1                                |
| (11) Unknown MBE                           | 405  | \$20,847                                   |  |   |  |  |                                     |
| (12) DBE-certified                         | 2,184  | \$508,010                                  | \$742,215  | 9.0   |  |  |                                     |
| (13) Women-owned DBE                       | 441  | \$60,978                                   | \$71,587   | 0.9   |  |  |                                     |
| (14) Minority-owned DBE                    | 1,722  | \$440,012                                  | \$670,548  | 8.2   |  |  |                                     |
| (14) African American-owned DBE            | 99   | \$34,249                                   | \$41,513   | 0.5   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 338  | \$74,765                                   | \$127,278  | 1.5   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 202  | \$47,748                                   | \$83,914   | 1.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 133  | \$26,995                                   | \$43,301   | 0.5   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 702  | \$291,690                                  | \$451,413  | 5.5   |  |  |                                     |
| (20) Native American-owned DBE             | 205  | \$21,184                                   | \$50,081   | 0.6   |  |  |                                     |
| (21) White male-owned DBE                  | 2  | \$78                                       | \$339  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 375  | \$17,864                                   |  |   |  |  |                                     |
| (23) Unknown DBE                           | 22   | \$7,202                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-25.**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction and Engineering**  
**Time Period: May-Dec 2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 192  | \$114,368                                  | \$144,184  |   |  |  |                                     |
| (2) MBE/WBE                                | 72   | \$12,928                                   | \$19,352   | 13.4  | 15.5   | -2.1                                   | 86.6                                |
| (3) WBE                                    | 11   | \$2,987                                    | \$3,714  | 2.6   | 4.8  | -2.2                                   | 54.0                                |
| (4) MBE                                    | 62   | \$9,950                                    | \$15,647   | 10.9  | 10.7   | 0.1                                    | 101.1                               |
| (5) African American-owned                 | 2  | \$707                                      | \$730  | 0.5   | 2.0  | -1.5                                   | 25.6                                |
| (6) Total Asian American-owned             | 20   | \$1,519                                    | \$2,996  | 2.1   | 2.1  | 0.0                                    | 98.6                                |
| (7) Asian-Pacific American-owned           | 11   | \$761                                      | \$1,998  | 1.4   | 1.7  | -0.3                                   | 83.4                                |
| (8) Subcontinent Asian American-owned      | 9  | \$758                                      | \$997  | 0.7   | 0.4  | 0.2                                    | 155.7                               |
| (9) Hispanic American-owned                | 25   | \$7,469                                    | \$11,917   | 8.3   | 5.9  | 2.4                                    | 141.1                               |
| (10) Native American-owned                 | 2  | \$5  | \$5  | 0.0   | 0.8  | -0.8                                   | 0.4                                 |
| (11) Unknown MBE                           | 13   | \$249                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 55   | \$3,985                                    | \$7,013  | 4.9   |  |  |                                     |
| (13) Women-owned DBE                       | 5  | \$163                                      | \$189  | 0.1   |  |  |                                     |
| (14) Minority-owned DBE                    | 50   | \$3,801                                    | \$6,832  | 4.7   |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$683                                      | \$712  | 0.5   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 15   | \$948                                      | \$2,226  | 1.5   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 10   | \$663                                      | \$1,901  | 1.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 5  | \$285                                      | \$325  | 0.2   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 20   | \$1,920                                    | \$3,880  | 2.7   |  |  |                                     |
| (20) Native American-owned DBE             | 2  | \$5  | \$5  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 11   | \$237                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$30                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.



**Figure E-26.**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 6,311  | \$5,794,025                                | \$7,793,097                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 2,605  | \$796,589                                  | \$1,117,587                                      | 14.3  | 17.0   | -2.6                                   | 84.5                                |
| (3) WBE                                    | 665  | \$293,480                                  | \$363,463  | 4.7   | 4.5  | 0.2                                    | 103.6                               |
| (4) MBE                                    | 1,944  | \$503,377                                  | \$754,392  | 9.7   | 12.5   | -2.8                                   | 77.6                                |
| (5) African American-owned                 | 97   | \$38,821                                   | \$45,607   | 0.6   | 2.3  | -1.8                                   | 25.0                                |
| (6) Total Asian American-owned             | 369  | \$75,957                                   | \$133,476  | 1.7   | 2.2  | -0.5                                   | 77.4                                |
| (7) Asian-Pacific American-owned           | 189  | \$49,400                                   | \$84,919   | 1.1   | 1.9  | -0.8                                   | 58.5                                |
| (8) Subcontinent Asian American-owned      | 174  | \$26,217                                   | \$48,094   | 0.6   | 0.4  | 0.3                                    | 175.1                               |
| (9) Hispanic American-owned                | 858  | \$346,097                                  | \$524,897  | 6.7   | 7.2  | -0.5                                   | 93.1                                |
| (10) Native American-owned                 | 213  | \$21,837                                   | \$50,412   | 0.6   | 0.7  | 0.0                                    | 95.9                                |
| (11) Unknown MBE                           | 407  | \$20,665                                   |  |   |  |  |                                     |
| (12) DBE-certified                         | 2,060  | \$480,592                                  | \$682,909  | 8.8   |  |  |                                     |
| (13) Women-owned DBE                       | 394  | \$55,948                                   | \$62,686   | 0.8   |  |  |                                     |
| (14) Minority-owned DBE                    | 1,648  | \$417,698                                  | \$620,344  | 8.0   |  |  |                                     |
| (14) African American-owned DBE            | 87   | \$33,357                                   | \$39,782   | 0.5   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 291  | \$60,750                                   | \$94,577   | 1.2   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 171  | \$43,844                                   | \$72,764   | 0.9   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 120  | \$16,906                                   | \$21,813   | 0.3   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 678  | \$284,234                                  | \$435,413  | 5.6   |  |  |                                     |
| (20) Native American-owned DBE             | 207  | \$21,189                                   | \$50,301   | 0.6   |  |  |                                     |
| (21) White male-owned DBE                  | 1  | \$13                                       | \$147  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 381  | \$17,900                                   |  |   |  |  |                                     |
| (23) Unknown DBE                           | 21   | \$7,202                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-27.**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-Apr 2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 6,128  | \$5,682,098                                | \$7,663,339                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 2,537  | \$784,601                                  | \$1,101,425                                      | 14.4  | 17.0   | -2.7                                   | 84.4                                |
| (3) WBE                                    | 654  | \$290,493                                  | \$359,749  | 4.7   | 4.5  | 0.2                                    | 104.2                               |
| (4) MBE                                    | 1,886  | \$494,368                                  | \$741,935  | 9.7   | 12.5   | -2.8                                   | 77.3                                |
| (5) African American-owned                 | 95   | \$38,114                                   | \$44,875   | 0.6   | 2.4  | -1.8                                   | 24.9                                |
| (6) Total Asian American-owned             | 352  | \$74,693                                   | \$131,641  | 1.7   | 2.2  | -0.5                                   | 76.8                                |
| (7) Asian-Pacific American-owned           | 179  | \$48,655                                   | \$83,839   | 1.1   | 1.9  | -0.8                                   | 58.2                                |
| (8) Subcontinent Asian American-owned      | 167  | \$25,698                                   | \$47,338   | 0.6   | 0.4  | 0.3                                    | 173.0                               |
| (9) Hispanic American-owned                | 834  | \$339,313                                  | \$514,978  | 6.7   | 7.3  | -0.5                                   | 92.6                                |
| (10) Native American-owned                 | 211  | \$21,832                                   | \$50,441   | 0.7   | 0.7  | 0.0                                    | 97.7                                |
| (11) Unknown MBE                           | 394  | \$20,416                                   |  |   |  |  |                                     |
| (12) DBE-certified                         | 2,008  | \$477,525                                  | \$679,064  | 8.9   |  |  |                                     |
| (13) Women-owned DBE                       | 389  | \$55,785                                   | \$62,497   | 0.8   |  |  |                                     |
| (14) Minority-owned DBE                    | 1,601  | \$414,815                                  | \$616,680  | 8.0   |  |  |                                     |
| (14) African American-owned DBE            | 86   | \$32,674                                   | \$39,044   | 0.5   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 278  | \$60,034                                   | \$93,472   | 1.2   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 162  | \$43,196                                   | \$71,762   | 0.9   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 116  | \$16,838                                   | \$21,710   | 0.3   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 659  | \$282,999                                  | \$433,606  | 5.7   |  |  |                                     |
| (20) Native American-owned DBE             | 205  | \$21,184                                   | \$50,295   | 0.7   |  |  |                                     |
| (21) White male-owned DBE                  | 1  | \$13                                       | \$147  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 370  | \$17,663                                   |  |   |  |  |                                     |
| (23) Unknown DBE                           | 20   | \$7,172                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-28.**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: May-Dec 2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 183  | \$111,927                                  | \$129,758  |   |  |  |                                     |
| (2) MBE/WBE                                | 68   | \$11,988                                   | \$16,162   | 12.5  | 13.4   | -0.9                                   | 93.3                                |
| (3) WBE                                    | 11   | \$2,987                                    | \$3,714  | 2.9   | 4.2  | -1.3                                   | 68.4                                |
| (4) MBE                                    | 58   | \$9,009                                    | \$12,457   | 9.6   | 9.2  | 0.4                                    | 104.6                               |
| (5) African American-owned                 | 2  | \$707                                      | \$733  | 0.6   | 1.8  | -1.2                                   | 31.8                                |
| (6) Total Asian American-owned             | 17   | \$1,264                                    | \$1,849  | 1.4   | 0.8  | 0.6                                    | 169.2                               |
| (7) Asian-Pacific American-owned           | 10   | \$745                                      | \$1,092  | 0.8   | 0.8  | 0.1                                    | 109.1                               |
| (8) Subcontinent Asian American-owned      | 7  | \$519                                      | \$757  | 0.6   | 0.1  | 0.5                                    | 821.8                               |
| (9) Hispanic American-owned                | 24   | \$6,784                                    | \$9,871  | 7.6   | 5.8  | 1.8                                    | 131.6                               |
| (10) Native American-owned                 | 2  | \$5  | \$5  | 0.0   | 0.8  | -0.8                                   | 0.5                                 |
| (11) Unknown MBE                           | 13   | \$249                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 52   | \$3,067                                    | \$3,845  | 3.0   |  |  |                                     |
| (13) Women-owned DBE                       | 5  | \$163                                      | \$190  | 0.1   |  |  |                                     |
| (14) Minority-owned DBE                    | 47   | \$2,883                                    | \$3,664  | 2.8   |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$683                                      | \$740  | 0.6   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 13   | \$715                                      | \$1,107  | 0.9   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 9  | \$647                                      | \$1,003  | 0.8   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 4  | \$68                                       | \$103  | 0.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 19   | \$1,235                                    | \$1,804  | 1.4   |  |  |                                     |
| (20) Native American-owned DBE             | 2  | \$5  | \$5  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 11   | \$237                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$30                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-29.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 554  | \$202,946                                  | \$567,210  |   |  |  |                                     |
| (2) MBE/WBE                                | 247  | \$47,752                                   | \$107,190  | 18.9  | 25.5   | -6.6                                   | 74.1                                |
| (3) WBE                                    | 77   | \$15,273                                   | \$38,966   | 6.9   | 7.1  | -0.3                                   | 96.5                                |
| (4) MBE                                    | 170  | \$32,479                                   | \$68,224   | 12.0  | 18.4   | -6.4                                   | 65.4                                |
| (5) African American-owned                 | 13   | \$1,575                                    | \$2,537  | 0.4   | 2.4  | -2.0                                   | 18.6                                |
| (6) Total Asian American-owned             | 85   | \$18,094                                   | \$39,273   | 6.9   | 8.1  | -1.2                                   | 85.7                                |
| (7) Asian-Pacific American-owned           | 54   | \$6,002                                    | \$15,055   | 2.7   | 5.5  | -2.8                                   | 48.6                                |
| (8) Subcontinent Asian American-owned      | 22   | \$11,042                                   | \$21,839   | 3.9   | 2.6  | 1.2                                    | 147.1                               |
| (9) Hispanic American-owned                | 60   | \$12,308                                   | \$26,322   | 4.6   | 6.7  | -2.0                                   | 69.6                                |
| (10) Native American-owned                 | 1  | \$71                                       | \$92   | 0.0   | 1.2  | -1.2                                   | 1.3                                 |
| (11) Unknown MBE                           | 11   | \$431                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 179  | \$31,403                                   | \$66,319   | 11.7  |  |  |                                     |
| (13) Women-owned DBE                       | 52   | \$5,193                                    | \$9,061  | 1.6   |  |  |                                     |
| (14) Minority-owned DBE                    | 124  | \$26,115                                   | \$57,068   | 10.1  |  |  |                                     |
| (14) African American-owned DBE            | 13   | \$1,575                                    | \$2,511  | 0.4   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 62   | \$14,964                                   | \$33,733   | 5.9   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 41   | \$4,567                                    | \$12,787   | 2.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 18   | \$10,374                                   | \$20,885   | 3.7   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 44   | \$9,375                                    | \$20,824   | 3.7   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 1  | \$65                                       | \$190  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 5  | \$201                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 2  | \$30                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.  
Source: BBC Research and Consulting Disparity Analysis.

**Figure E-30.**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 866  | \$4,080,149                                | \$5,561,731                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 86   | \$166,112                                  | \$246,091  | 4.4   | 10.8   | -6.3                                   | 41.1                                |
| (3) WBE                                    | 19   | \$82,738                                   | \$116,578  | 2.1   | 2.6  | -0.5                                   | 80.9                                |
| (4) MBE                                    | 67   | \$83,375                                   | \$129,513  | 2.3   | 8.2  | -5.9                                   | 28.5                                |
| (5) African American-owned                 | 2  | \$19,589                                   | \$19,589   | 0.4   | 2.6  | -2.3                                   | 13.5                                |
| (6) Total Asian American-owned             | 9  | \$5,257                                    | \$20,046   | 0.4   | 1.9  | -1.5                                   | 19.1                                |
| (7) Asian-Pacific American-owned           | 4  | \$3,563                                    | \$4,493  | 0.1   | 1.7  | -1.6                                   | 4.7                                 |
| (8) Subcontinent Asian American-owned      | 5  | \$1,694                                    | \$15,553   | 0.3   | 0.2  | 0.1                                    | 154.5                               |
| (9) Hispanic American-owned                | 50   | \$55,949                                   | \$71,687   | 1.3   | 3.2  | -1.9                                   | 40.5                                |
| (10) Native American-owned                 | 6  | \$2,580                                    | \$18,192   | 0.3   | 0.5  | -0.2                                   | 65.6                                |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 53   | \$71,561                                   | \$101,606  | 1.8   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 51   | \$68,583                                   | \$101,606  | 1.8   |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$19,331                                   | \$19,915   | 0.4   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 7  | \$4,061                                    | \$5,141  | 0.1   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 4  | \$3,563                                    | \$4,628  | 0.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 3  | \$498                                      | \$513  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 37   | \$42,611                                   | \$57,808   | 1.0   |  |  |                                     |
| (20) Native American-owned DBE             | 6  | \$2,580                                    | \$18,741   | 0.3   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 2  | \$2,978                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.  
Source: BBC Research and Consulting Disparity Analysis.

**Figure E-31.**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-Apr 2006**  
**Role: Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 5,297  | \$1,696,620                                | \$2,210,864                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 2,456  | \$625,948                                  | \$865,923  | 39.2  | 32.1   | 7.0                                    | 121.9                               |
| (3) WBE                                    | 637  | \$209,637                                  | \$245,730  | 11.1  | 9.1  | 2.0                                    | 121.6                               |
| (4) MBE                                    | 1,822  | \$416,570                                  | \$620,453  | 28.1  | 23.0   | 5.1                                    | 122.0                               |
| (5) African American-owned                 | 93   | \$18,525                                   | \$24,347   | 1.1   | 1.7  | -0.6                                   | 65.6                                |
| (6) Total Asian American-owned             | 343  | \$69,436                                   | \$111,712  | 5.1   | 3.0  | 2.0                                    | 167.2                               |
| (7) Asian-Pacific American-owned           | 175  | \$45,092                                   | \$80,055   | 3.6   | 2.2  | 1.4                                    | 161.3                               |
| (8) Subcontinent Asian American-owned      | 162  | \$24,004                                   | \$31,187   | 1.4   | 0.8  | 0.6                                    | 181.6                               |
| (9) Hispanic American-owned                | 787  | \$288,941                                  | \$452,907  | 20.5  | 17.2   | 3.3                                    | 119.4                               |
| (10) Native American-owned                 | 205  | \$19,252                                   | \$31,487   | 1.4   | 1.1  | 0.3                                    | 129.9                               |
| (11) Unknown MBE                           | 394  | \$20,416                                   |  |   |  |  |                                     |
| (12) DBE-certified                         | 1,957  | \$406,462                                  | \$578,175  | 26.2  |  |  |                                     |
| (13) Women-owned DBE                       | 389  | \$55,785                                   | \$62,288   | 2.8   |  |  |                                     |
| (14) Minority-owned DBE                    | 1,552  | \$346,729                                  | \$515,999  | 23.3  |  |  |                                     |
| (14) African American-owned DBE            | 85   | \$13,343                                   | \$18,376   | 0.8   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 271  | \$55,974                                   | \$88,934   | 4.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 158  | \$39,634                                   | \$67,559   | 3.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 113  | \$16,340                                   | \$21,376   | 1.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 624  | \$240,886                                  | \$377,454  | 17.1  |  |  |                                     |
| (20) Native American-owned DBE             | 199  | \$18,605                                   | \$30,974   | 1.4   |  |  |                                     |
| (21) White male-owned DBE                  | 1  | \$13                                       | \$147  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 370  | \$17,663                                   |  |   |  |  |                                     |
| (23) Unknown DBE                           | 18   | \$4,194                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.  
Source: BBC Research and Consulting Disparity Analysis.

**Figure E-32.**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: May-Dec 2006**  
**Role: Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 148  | \$17,256                                   | \$20,502   |   |  |  |                                     |
| (2) MBE/WBE                                | 63   | \$4,529                                    | \$5,573  | 27.2  | 32.2   | -5.0                                   | 84.5                                |
| (3) WBE                                    | 9  | \$1,105                                    | \$1,155  | 5.6   | 12.4   | -6.7                                   | 45.5                                |
| (4) MBE                                    | 55   | \$3,432                                    | \$4,426  | 21.6  | 19.8   | 1.8                                    | 109.1                               |
| (5) African American-owned                 | 2  | \$707                                      | \$763  | 3.7   | 2.2  | 1.5                                    | 169.3                               |
| (6) Total Asian American-owned             | 17   | \$1,264                                    | \$1,926  | 9.4   | 2.1  | 7.3                                    | 456.5                               |
| (7) Asian-Pacific American-owned           | 10   | \$745                                      | \$1,137  | 5.5   | 1.8  | 3.7                                    | 301.4                               |
| (8) Subcontinent Asian American-owned      | 7  | \$519                                      | \$789  | 3.8   | 0.2  | 3.6                                    | 1,768.9                             |
| (9) Hispanic American-owned                | 21   | \$1,207                                    | \$1,733  | 8.5   | 13.2   | -4.8                                   | 63.9                                |
| (10) Native American-owned                 | 2  | \$5  | \$5  | 0.0   | 2.2  | -2.2                                   | 1.1                                 |
| (11) Unknown MBE                           | 13   | \$249                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 50   | \$2,569                                    | \$3,129  | 15.3  |  |  |                                     |
| (13) Women-owned DBE                       | 5  | \$163                                      | \$190  | 0.9   |  |  |                                     |
| (14) Minority-owned DBE                    | 45   | \$2,385                                    | \$2,947  | 14.4  |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$683                                      | \$755  | 3.7   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 13   | \$715                                      | \$1,129  | 5.5   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 9  | \$647                                      | \$1,024  | 5.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 4  | \$68                                       | \$105  | 0.5   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 17   | \$737                                      | \$1,049  | 5.1   |  |  |                                     |
| (20) Native American-owned DBE             | 2  | \$5  | \$5  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 11   | \$237                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$30                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.  
Source: BBC Research and Consulting Disparity Analysis.

**Figure E-33.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 127  | \$150,976                                  | \$430,925  |   |  |  |                                     |
| (2) MBE/WBE                                | 26   | \$18,643                                   | \$44,432   | 10.3  | 22.6   | -12.3                                  | 45.7                                |
| (3) WBE                                    | 10   | \$9,851                                    | \$29,150   | 6.8   | 5.7  | 1.1                                    | 118.6                               |
| (4) MBE                                    | 16   | \$8,792                                    | \$15,281   | 3.5   | 16.9   | -13.3                                  | 21.0                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.3  | -2.3                                   | 0.0                                 |
| (6) Total Asian American-owned             | 9  | \$3,850                                    | \$8,028  | 1.9   | 6.8  | -4.9                                   | 27.5                                |
| (7) Asian-Pacific American-owned           | 7  | \$1,757                                    | \$1,981  | 0.5   | 4.6  | -4.1                                   | 10.1                                |
| (8) Subcontinent Asian American-owned      | 2  | \$2,093                                    | \$6,048  | 1.4   | 2.2  | -0.8                                   | 63.4                                |
| (9) Hispanic American-owned                | 7  | \$4,942                                    | \$7,253  | 1.7   | 6.5  | -4.8                                   | 26.0                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.3  | -1.3                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 13   | \$8,131                                    | \$14,499   | 3.4   |  |  |                                     |
| (13) Women-owned DBE                       | 5  | \$2,032                                    | \$2,342  | 0.5   |  |  |                                     |
| (14) Minority-owned DBE                    | 8  | \$6,098                                    | \$12,157   | 2.8   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 4  | \$2,895                                    | \$6,972  | 1.6   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 3  | \$824                                      | \$947  | 0.2   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$2,071                                    | \$6,025  | 1.4   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 4  | \$3,203                                    | \$5,185  | 1.2   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.



**Figure E-34.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 427  | \$51,971                                   | \$136,286  |   |  |  |                                     |
| (2) MBE/WBE                                | 221  | \$29,109                                   | \$62,758   | 46.0  | 34.8   | 11.2                                   | 132.3                               |
| (3) WBE                                    | 67   | \$5,422                                    | \$9,815  | 7.2   | 11.6   | -4.4                                   | 62.0                                |
| (4) MBE                                    | 154  | \$23,687                                   | \$52,943   | 38.8  | 23.2   | 15.6                                   | 167.4                               |
| (5) African American-owned                 | 13   | \$1,575                                    | \$2,562  | 1.9   | 2.6  | -0.7                                   | 71.5                                |
| (6) Total Asian American-owned             | 76   | \$14,244                                   | \$31,279   | 23.0  | 12.2   | 10.7                                   | 187.5                               |
| (7) Asian-Pacific American-owned           | 47   | \$4,245                                    | \$13,135   | 9.6   | 8.3  | 1.3                                    | 115.5                               |
| (8) Subcontinent Asian American-owned      | 20   | \$8,949                                    | \$15,741   | 11.5  | 3.9  | 7.7                                    | 296.5                               |
| (9) Hispanic American-owned                | 53   | \$7,367                                    | \$19,010   | 13.9  | 7.3  | 6.7                                    | 192.1                               |
| (10) Native American-owned                 | 1  | \$71                                       | \$93   | 0.1   | 1.1  | -1.0                                   | 6.4                                 |
| (11) Unknown MBE                           | 11   | \$431                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 166  | \$23,272                                   | \$51,820   | 38.0  |  |  |                                     |
| (13) Women-owned DBE                       | 47   | \$3,161                                    | \$6,719  | 4.9   |  |  |                                     |
| (14) Minority-owned DBE                    | 116  | \$20,017                                   | \$44,911   | 33.0  |  |  |                                     |
| (14) African American-owned DBE            | 13   | \$1,575                                    | \$2,527  | 1.9   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 58   | \$12,069                                   | \$26,767   | 19.6  |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 38   | \$3,743                                    | \$11,892   | 8.7   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 17   | \$8,303                                    | \$14,814   | 10.9  |  |  |                                     |
| (19) Hispanic American-owned DBE           | 40   | \$6,172                                    | \$15,618   | 11.5  |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 1  | \$65                                       | \$190  | 0.1   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 5  | \$201                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 2  | \$30                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-35.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 1**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 281  | \$115,505                                  | \$119,683  |   |  |  |                                     |
| (2) MBE/WBE                                | 85   | \$7,504                                    | \$8,514  | 7.1   | 15.4   | -8.2                                   | 46.3                                |
| (3) WBE                                    | 27   | \$5,131                                    | \$5,131  | 4.3   | 3.8  | 0.5                                    | 113.9                               |
| (4) MBE                                    | 58   | \$2,373                                    | \$3,383  | 2.8   | 11.6   | -8.8                                   | 24.4                                |
| (5) African American-owned                 | 1  | \$15                                       | \$16   | 0.0   | 0.5  | -0.5                                   | 2.7                                 |
| (6) Total Asian American-owned             | 5  | \$233                                      | \$1,267  | 1.1   | 2.3  | -1.3                                   | 45.8                                |
| (7) Asian-Pacific American-owned           | 4  | \$232                                      | \$1,266  | 1.1   | 2.2  | -1.2                                   | 47.2                                |
| (8) Subcontinent Asian American-owned      | 1  | \$1  | \$1  | 0.0   | 0.1  | -0.1                                   | 0.8                                 |
| (9) Hispanic American-owned                | 29   | \$1,595                                    | \$1,778  | 1.5   | 7.1  | -5.6                                   | 21.0                                |
| (10) Native American-owned                 | 9  | \$296                                      | \$322  | 0.3   | 1.7  | -1.4                                   | 16.1                                |
| (11) Unknown MBE                           | 14   | \$235                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 75   | \$4,050                                    | \$5,058  | 4.2   |  |  |                                     |
| (13) Women-owned DBE                       | 20   | \$1,862                                    | \$1,862  | 1.6   |  |  |                                     |
| (14) Minority-owned DBE                    | 55   | \$2,188                                    | \$3,196  | 2.7   |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$15                                       | \$16   | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 5  | \$233                                      | \$1,271  | 1.1   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 4  | \$232                                      | \$1,270  | 1.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$1  | \$1  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 27   | \$1,413                                    | \$1,586  | 1.3   |  |  |                                     |
| (20) Native American-owned DBE             | 9  | \$296                                      | \$323  | 0.3   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 13   | \$232                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.  
Source: BBC Research and Consulting Disparity Analysis.

**Figure E-36.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 2**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 555  | \$281,371                                  | \$313,098  |   |  |  |                                     |
| (2) MBE/WBE                                | 166  | \$29,913                                   | \$47,058   | 15.0  | 12.7   | 2.3                                    | 118.4                               |
| (3) WBE                                    | 35   | \$5,347                                    | \$6,417  | 2.0   | 4.7  | -2.7                                   | 43.3                                |
| (4) MBE                                    | 131  | \$24,566                                   | \$40,641   | 13.0  | 8.0  | 5.0                                    | 162.9                               |
| (5) African American-owned                 | 15   | \$7,184                                    | \$7,295  | 2.3   | 0.3  | 2.0                                    | 773.9                               |
| (6) Total Asian American-owned             | 10   | \$1,810                                    | \$1,874  | 0.6   | 0.4  | 0.2                                    | 147.0                               |
| (7) Asian-Pacific American-owned           | 8  | \$919                                      | \$933  | 0.3   | 0.4  | -0.1                                   | 78.3                                |
| (8) Subcontinent Asian American-owned      | 2  | \$891                                      | \$940  | 0.3   | 0.0  | 0.3                                    | 1,135.3                             |
| (9) Hispanic American-owned                | 45   | \$6,573                                    | \$7,086  | 2.3   | 5.7  | -3.5                                   | 39.4                                |
| (10) Native American-owned                 | 34   | \$8,384                                    | \$24,386   | 7.8   | 1.5  | 6.3                                    | 518.2                               |
| (11) Unknown MBE                           | 27   | \$615                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 133  | \$22,578                                   | \$38,620   | 12.3  |  |  |                                     |
| (13) Women-owned DBE                       | 12   | \$1,741                                    | \$1,744  | 0.6   |  |  |                                     |
| (14) Minority-owned DBE                    | 121  | \$20,837                                   | \$36,877   | 11.8  |  |  |                                     |
| (14) African American-owned DBE            | 13   | \$4,105                                    | \$4,175  | 1.3   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 9  | \$1,729                                    | \$1,759  | 0.6   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 8  | \$919                                      | \$935  | 0.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$810                                      | \$824  | 0.3   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 38   | \$6,005                                    | \$6,519  | 2.1   |  |  |                                     |
| (20) Native American-owned DBE             | 34   | \$8,384                                    | \$24,424   | 7.8   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 27   | \$615                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-37.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 3**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 695  | \$435,588                                  | \$514,491  |   |  |  |                                     |
| (2) MBE/WBE                                | 299  | \$79,195                                   | \$90,349   | 17.6  | 15.2   | 2.3                                    | 115.4                               |
| (3) WBE                                    | 104  | \$22,556                                   | \$24,135   | 4.7   | 4.5  | 0.2                                    | 105.3                               |
| (4) MBE                                    | 197  | \$56,711                                   | \$66,286   | 12.9  | 10.8   | 2.1                                    | 119.8                               |
| (5) African American-owned                 | 13   | \$20,868                                   | \$21,461   | 4.2   | 2.5  | 1.7                                    | 169.0                               |
| (6) Total Asian American-owned             | 33   | \$935                                      | \$1,164  | 0.2   | 1.0  | -0.8                                   | 22.4                                |
| (7) Asian-Pacific American-owned           | 25   | \$639                                      | \$827  | 0.2   | 0.8  | -0.6                                   | 20.5                                |
| (8) Subcontinent Asian American-owned      | 8  | \$296                                      | \$338  | 0.1   | 0.2  | -0.2                                   | 28.8                                |
| (9) Hispanic American-owned                | 82   | \$30,462                                   | \$40,390   | 7.9   | 5.9  | 1.9                                    | 132.4                               |
| (10) Native American-owned                 | 38   | \$3,050                                    | \$3,271  | 0.6   | 1.3  | -0.7                                   | 47.5                                |
| (11) Unknown MBE                           | 31   | \$1,395                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 187  | \$61,923                                   | \$68,643   | 13.3  |  |  |                                     |
| (13) Women-owned DBE                       | 37   | \$10,041                                   | \$10,446   | 2.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 152  | \$51,953                                   | \$58,269   | 11.3  |  |  |                                     |
| (14) African American-owned DBE            | 13   | \$20,868                                   | \$21,516   | 4.2   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 23   | \$673                                      | \$771  | 0.1   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 18   | \$496                                      | \$576  | 0.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 5  | \$177                                      | \$195  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 50   | \$25,918                                   | \$32,635   | 6.3   |  |  |                                     |
| (20) Native American-owned DBE             | 37   | \$3,047                                    | \$3,276  | 0.6   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 27   | \$1,376                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.  
Source: BBC Research and Consulting Disparity Analysis.

**Figure E-38.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 4**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 656  | \$754,094                                  | \$1,039,183                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 266  | \$70,492                                   | \$90,406   | 8.7   | 15.3   | -6.6                                   | 57.0                                |
| (3) WBE                                    | 96   | \$21,484                                   | \$26,239   | 2.5   | 4.7  | -2.2                                   | 53.7                                |
| (4) MBE                                    | 171  | \$49,187                                   | \$64,346   | 6.2   | 10.6   | -4.4                                   | 58.7                                |
| (5) African American-owned                 | 13   | \$3,492                                    | \$6,458  | 0.6   | 3.1  | -2.4                                   | 20.3                                |
| (6) Total Asian American-owned             | 18   | \$3,258                                    | \$4,694  | 0.5   | 1.2  | -0.8                                   | 36.9                                |
| (7) Asian-Pacific American-owned           | 11   | \$2,314                                    | \$3,230  | 0.3   | 1.0  | -0.7                                   | 32.3                                |
| (8) Subcontinent Asian American-owned      | 7  | \$945                                      | \$1,464  | 0.1   | 0.3  | -0.1                                   | 53.9                                |
| (9) Hispanic American-owned                | 95   | \$40,496                                   | \$52,366   | 5.0   | 5.8  | -0.8                                   | 86.9                                |
| (10) Native American-owned                 | 6  | \$791                                      | \$828  | 0.1   | 0.5  | -0.4                                   | 17.4                                |
| (11) Unknown MBE                           | 39   | \$1,150                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 206  | \$52,275                                   | \$69,730   | 6.7   |  |  |                                     |
| (13) Women-owned DBE                       | 57   | \$8,077                                    | \$10,339   | 1.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 149  | \$44,364                                   | \$59,425   | 5.7   |  |  |                                     |
| (14) African American-owned DBE            | 11   | \$3,353                                    | \$6,326  | 0.6   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 15   | \$3,005                                    | \$4,367  | 0.4   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 9  | \$2,240                                    | \$3,085  | 0.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 6  | \$766                                      | \$1,282  | 0.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 80   | \$36,019                                   | \$47,858   | 4.6   |  |  |                                     |
| (20) Native American-owned DBE             | 4  | \$661                                      | \$694  | 0.1   |  |  |                                     |
| (21) White male-owned DBE                  | 1  | \$13                                       | \$146  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 38   | \$1,147                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-39.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 5**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 381  | \$178,928                                  | \$187,472  |   |  |  |                                     |
| (2) MBE/WBE                                | 169  | \$15,312                                   | \$15,814   | 8.4   | 19.2   | -10.8                                  | 43.9                                |
| (3) WBE                                    | 75   | \$9,590                                    | \$9,973  | 5.3   | 4.8  | 0.5                                    | 111.2                               |
| (4) MBE                                    | 95   | \$5,739                                    | \$5,858  | 3.1   | 14.4   | -11.3                                  | 21.7                                |
| (5) African American-owned                 | 1  | \$2  | \$2  | 0.0   | 1.9  | -1.9                                   | 0.1                                 |
| (6) Total Asian American-owned             | 14   | \$647                                      | \$819  | 0.4   | 2.3  | -1.8                                   | 19.3                                |
| (7) Asian-Pacific American-owned           | 5  | \$250                                      | \$333  | 0.2   | 2.1  | -1.9                                   | 8.6                                 |
| (8) Subcontinent Asian American-owned      | 9  | \$397                                      | \$486  | 0.3   | 0.2  | 0.1                                    | 133.4                               |
| (9) Hispanic American-owned                | 31   | \$3,553                                    | \$4,350  | 2.3   | 8.8  | -6.5                                   | 26.2                                |
| (10) Native American-owned                 | 8  | \$562                                      | \$687  | 0.4   | 1.4  | -1.0                                   | 26.0                                |
| (11) Unknown MBE                           | 41   | \$976                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 143  | \$9,495                                    | \$9,666  | 5.2   |  |  |                                     |
| (13) Women-owned DBE                       | 59   | \$2,118                                    | \$2,736  | 1.5   |  |  |                                     |
| (14) Minority-owned DBE                    | 84   | \$5,393                                    | \$6,947  | 3.7   |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$2  | \$2  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 6  | \$331                                      | \$552  | 0.3   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 5  | \$250                                      | \$426  | 0.2   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$80                                       | \$126  | 0.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 27   | \$3,506                                    | \$5,492  | 2.9   |  |  |                                     |
| (20) Native American-owned DBE             | 8  | \$562                                      | \$880  | 0.5   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 41   | \$976                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$2,001                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-40.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 6**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 494  | \$269,293                                  | \$554,732  |   |  |  |                                     |
| (2) MBE/WBE                                | 255  | \$31,553                                   | \$60,967   | 11.0  | 18.3   | -7.3                                   | 60.2                                |
| (3) WBE                                    | 34   | \$1,650                                    | \$4,913  | 0.9   | 6.2  | -5.3                                   | 14.2                                |
| (4) MBE                                    | 221  | \$29,904                                   | \$56,054   | 10.1  | 12.0   | -1.9                                   | 84.0                                |
| (5) African American-owned                 | 5  | \$80                                       | \$97   | 0.0   | 2.2  | -2.2                                   | 0.8                                 |
| (6) Total Asian American-owned             | 28   | \$1,861                                    | \$3,676  | 0.7   | 1.5  | -0.8                                   | 45.3                                |
| (7) Asian-Pacific American-owned           | 18   | \$359                                      | \$1,864  | 0.3   | 1.3  | -1.0                                   | 25.7                                |
| (8) Subcontinent Asian American-owned      | 10   | \$1,502                                    | \$1,812  | 0.3   | 0.2  | 0.2                                    | 207.7                               |
| (9) Hispanic American-owned                | 79   | \$22,547                                   | \$46,950   | 8.5   | 6.5  | 1.9                                    | 129.5                               |
| (10) Native American-owned                 | 48   | \$3,334                                    | \$5,331  | 1.0   | 1.8  | -0.8                                   | 53.5                                |
| (11) Unknown MBE                           | 61   | \$2,081                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 204  | \$19,867                                   | \$40,267   | 7.3   |  |  |                                     |
| (13) Women-owned DBE                       | 25   | \$411                                      | \$540  | 0.1   |  |  |                                     |
| (14) Minority-owned DBE                    | 179  | \$19,456                                   | \$39,727   | 7.2   |  |  |                                     |
| (14) African American-owned DBE            | 5  | \$80                                       | \$101  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 21   | \$775                                      | \$2,486  | 0.4   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 17   | \$202                                      | \$1,760  | 0.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 4  | \$573                                      | \$726  | 0.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 51   | \$13,273                                   | \$31,560   | 5.7   |  |  |                                     |
| (20) Native American-owned DBE             | 47   | \$3,318                                    | \$5,580  | 1.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 55   | \$2,009                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.  
Source: BBC Research and Consulting Disparity Analysis.

**Figure E-41.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 7**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 1,095  | \$961,741                                  | \$1,221,830                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 454  | \$115,521                                  | \$163,018  | 13.3  | 17.7   | -4.3                                   | 75.4                                |
| (3) WBE                                    | 62   | \$15,180                                   | \$17,318   | 1.4   | 4.6  | -3.2                                   | 31.0                                |
| (4) MBE                                    | 392  | \$100,341                                  | \$145,700  | 11.9  | 13.1   | -1.2                                   | 90.9                                |
| (5) African American-owned                 | 18   | \$1,022                                    | \$1,132  | 0.1   | 2.6  | -2.5                                   | 3.6                                 |
| (6) Total Asian American-owned             | 106  | \$19,844                                   | \$42,962   | 3.5   | 1.9  | 1.6                                    | 184.4                               |
| (7) Asian-Pacific American-owned           | 54   | \$12,039                                   | \$18,520   | 1.5   | 1.8  | -0.3                                   | 85.3                                |
| (8) Subcontinent Asian American-owned      | 51   | \$7,779                                    | \$24,414   | 2.0   | 0.1  | 1.9                                    | 1,536.2                             |
| (9) Hispanic American-owned                | 192  | \$71,362                                   | \$99,698   | 8.2   | 8.2  | -0.1                                   | 99.2                                |
| (10) Native American-owned                 | 19   | \$1,647                                    | \$1,908  | 0.2   | 0.4  | -0.3                                   | 37.5                                |
| (11) Unknown MBE                           | 57   | \$6,466                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 377  | \$79,989                                   | \$97,822   | 8.0   |  |  |                                     |
| (13) Women-owned DBE                       | 43   | \$6,308                                    | \$6,543  | 0.5   |  |  |                                     |
| (14) Minority-owned DBE                    | 329  | \$72,217                                   | \$91,279   | 7.5   |  |  |                                     |
| (14) African American-owned DBE            | 17   | \$765                                      | \$892  | 0.1   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 87   | \$15,079                                   | \$18,906   | 1.5   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 52   | \$11,684                                   | \$14,844   | 1.2   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 35   | \$3,395                                    | \$4,062  | 0.3   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 154  | \$49,853                                   | \$70,017   | 5.7   |  |  |                                     |
| (20) Native American-owned DBE             | 18   | \$1,319                                    | \$1,464  | 0.1   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 53   | \$5,201                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 5  | \$1,464                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.  
Source: BBC Research and Consulting Disparity Analysis.



**Figure E-42.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 8**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 435  | \$864,026                                  | \$1,247,453                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 187  | \$155,955                                  | \$273,895  | 22.0  | 22.3   | -0.3                                   | 98.7                                |
| (3) WBE                                    | 28   | \$72,716                                   | \$112,848  | 9.0   | 4.6  | 4.4                                    | 195.0                               |
| (4) MBE                                    | 159  | \$83,239                                   | \$161,047  | 12.9  | 17.6   | -4.7                                   | 73.3                                |
| (5) African American-owned                 | 3  | \$90                                       | \$125  | 0.0   | 1.7  | -1.6                                   | 0.6                                 |
| (6) Total Asian American-owned             | 43   | \$7,843                                    | \$16,446   | 1.3   | 6.5  | -5.1                                   | 20.4                                |
| (7) Asian-Pacific American-owned           | 10   | \$1,532                                    | \$9,617  | 0.8   | 5.6  | -4.8                                   | 13.7                                |
| (8) Subcontinent Asian American-owned      | 33   | \$6,311                                    | \$6,829  | 0.5   | 0.8  | -0.3                                   | 64.4                                |
| (9) Hispanic American-owned                | 80   | \$73,629                                   | \$143,559  | 11.5  | 9.1  | 2.4                                    | 126.7                               |
| (10) Native American-owned                 | 13   | \$912                                      | \$917  | 0.1   | 0.4  | -0.3                                   | 18.0                                |
| (11) Unknown MBE                           | 20   | \$764                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 171  | \$81,396                                   | \$153,650  | 12.3  |  |  |                                     |
| (13) Women-owned DBE                       | 17   | \$2,109                                    | \$2,119  | 0.2   |  |  |                                     |
| (14) Minority-owned DBE                    | 148  | \$78,605                                   | \$151,531  | 12.1  |  |  |                                     |
| (14) African American-owned DBE            | 3  | \$90                                       | \$126  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 40   | \$7,688                                    | \$16,336   | 1.3   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 10   | \$1,532                                    | \$9,663  | 0.8   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 30   | \$6,156                                    | \$6,673  | 0.5   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 73   | \$69,155                                   | \$134,148  | 10.8  |  |  |                                     |
| (20) Native American-owned DBE             | 13   | \$912                                      | \$921  | 0.1   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 19   | \$759                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 6  | \$683                                      |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-43.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 9**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 56   | \$31,135                                   | \$31,135   |   |  |  |                                     |
| (2) MBE/WBE                                | 29   | \$1,480                                    | \$1,480  | 4.8   | 18.6   | -13.8                                  | 25.6                                |
| (3) WBE                                    | 4  | \$216                                      | \$216  | 0.7   | 4.5  | -3.8                                   | 15.5                                |
| (4) MBE                                    | 25   | \$1,264                                    | \$1,264  | 4.1   | 14.1   | -10.1                                  | 28.8                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.1  | -2.1                                   | 0.0                                 |
| (6) Total Asian American-owned             | 7  | \$417                                      | \$429  | 1.4   | 2.2  | -0.8                                   | 64.1                                |
| (7) Asian-Pacific American-owned           | 2  | \$91                                       | \$93   | 0.3   | 2.1  | -1.8                                   | 14.2                                |
| (8) Subcontinent Asian American-owned      | 5  | \$327                                      | \$336  | 1.1   | 0.0  | 1.0                                    | 2,255.5                             |
| (9) Hispanic American-owned                | 9  | \$425                                      | \$437  | 1.4   | 7.3  | -5.9                                   | 19.3                                |
| (10) Native American-owned                 | 6  | \$387                                      | \$398  | 1.3   | 2.6  | -1.3                                   | 48.8                                |
| (11) Unknown MBE                           | 3  | \$35                                       |  |   |  |  |                                     |
| (12) DBE-certified                         | 27   | \$1,375                                    | \$1,375  | 4.4   |  |  |                                     |
| (13) Women-owned DBE                       | 4  | \$216                                      | \$216  | 0.7   |  |  |                                     |
| (14) Minority-owned DBE                    | 23   | \$1,158                                    | \$1,158  | 3.7   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 6  | \$330                                      | \$341  | 1.1   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 2  | \$91                                       | \$93   | 0.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 4  | \$240                                      | \$247  | 0.8   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 8  | \$406                                      | \$419  | 1.3   |  |  |                                     |
| (20) Native American-owned DBE             | 6  | \$387                                      | \$399  | 1.3   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 3  | \$35                                       |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-44.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 10**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 372  | \$262,951                                  | \$427,023  |   |  |  |                                     |
| (2) MBE/WBE                                | 160  | \$26,449                                   | \$42,020   | 9.8   | 16.2   | -6.4                                   | 60.7                                |
| (3) WBE                                    | 49   | \$9,010                                    | \$10,710   | 2.5   | 5.5  | -3.0                                   | 45.7                                |
| (4) MBE                                    | 111  | \$17,438                                   | \$31,310   | 7.3   | 10.7   | -3.4                                   | 68.4                                |
| (5) African American-owned                 | 4  | \$908                                      | \$1,242  | 0.3   | 2.0  | -1.8                                   | 14.2                                |
| (6) Total Asian American-owned             | 10   | \$680                                      | \$850  | 0.2   | 1.2  | -1.0                                   | 16.9                                |
| (7) Asian-Pacific American-owned           | 7  | \$205                                      | \$319  | 0.1   | 1.0  | -1.0                                   | 7.2                                 |
| (8) Subcontinent Asian American-owned      | 3  | \$476                                      | \$531  | 0.1   | 0.1  | 0.0                                    | 92.4                                |
| (9) Hispanic American-owned                | 48   | \$13,140                                   | \$17,937   | 4.2   | 6.4  | -2.2                                   | 65.2                                |
| (10) Native American-owned                 | 20   | \$1,549                                    | \$11,281   | 2.6   | 1.0  | 1.6                                    | 252.4                               |
| (11) Unknown MBE                           | 29   | \$1,162                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 103  | \$13,849                                   | \$24,702   | 5.8   |  |  |                                     |
| (13) Women-owned DBE                       | 19   | \$1,273                                    | \$1,357  | 0.3   |  |  |                                     |
| (14) Minority-owned DBE                    | 84   | \$12,577                                   | \$23,346   | 5.5   |  |  |                                     |
| (14) African American-owned DBE            | 2  | \$20                                       | \$21   | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 10   | \$680                                      | \$818  | 0.2   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 7  | \$205                                      | \$307  | 0.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 3  | \$476                                      | \$511  | 0.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 29   | \$9,623                                    | \$11,839   | 2.8   |  |  |                                     |
| (20) Native American-owned DBE             | 19   | \$1,379                                    | \$10,667   | 2.5   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 24   | \$875                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-45.**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 11**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 786  | \$928,768                                  | \$1,003,602                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 340  | \$164,891                                  | \$169,523  | 16.9  | 16.5   | 0.4                                    | 102.3                               |
| (3) WBE                                    | 123  | \$99,151                                   | \$100,765  | 10.0  | 3.8  | 6.2                                    | 261.6                               |
| (4) MBE                                    | 217  | \$65,740                                   | \$68,759   | 6.9   | 12.7   | -5.8                                   | 54.1                                |
| (5) African American-owned                 | 15   | \$2,213                                    | \$2,401  | 0.2   | 2.9  | -2.7                                   | 8.3                                 |
| (6) Total Asian American-owned             | 37   | \$6,169                                    | \$7,388  | 0.7   | 0.8  | 0.0                                    | 97.8                                |
| (7) Asian-Pacific American-owned           | 12   | \$1,223                                    | \$1,323  | 0.1   | 0.5  | -0.4                                   | 25.7                                |
| (8) Subcontinent Asian American-owned      | 23   | \$4,871                                    | \$5,984  | 0.6   | 0.2  | 0.4                                    | 248.1                               |
| (9) Hispanic American-owned                | 92   | \$53,033                                   | \$58,186   | 5.8   | 8.7  | -2.9                                   | 66.7                                |
| (10) Native American-owned                 | 9  | \$684                                      | \$783  | 0.1   | 0.3  | -0.3                                   | 23.7                                |
| (11) Unknown MBE                           | 64   | \$3,641                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 274  | \$78,857                                   | \$81,416   | 8.1   |  |  |                                     |
| (13) Women-owned DBE                       | 86   | \$15,369                                   | \$16,311   | 1.6   |  |  |                                     |
| (14) Minority-owned DBE                    | 183  | \$60,515                                   | \$65,105   | 6.5   |  |  |                                     |
| (14) African American-owned DBE            | 13   | \$1,913                                    | \$2,173  | 0.2   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 23   | \$3,515                                    | \$3,978  | 0.4   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 11   | \$1,192                                    | \$1,349  | 0.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 12   | \$2,323                                    | \$2,628  | 0.3   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 74   | \$50,762                                   | \$58,135   | 5.8   |  |  |                                     |
| (20) Native American-owned DBE             | 9  | \$684                                      | \$819  | 0.1   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 64   | \$3,641                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 5  | \$2,974                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-46.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 12**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 505  | \$710,623                                  | \$1,133,395                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 195  | \$98,325                                   | \$154,544  | 13.6  | 13.7   | -0.1                                   | 99.3                                |
| (3) WBE                                    | 28   | \$31,449                                   | \$44,797   | 4.0   | 3.5  | 0.5                                    | 114.6                               |
| (4) MBE                                    | 167  | \$66,875                                   | \$109,747  | 9.7   | 10.3   | -0.6                                   | 94.1                                |
| (5) African American-owned                 | 9  | \$2,948                                    | \$4,483  | 0.4   | 2.7  | -2.3                                   | 14.7                                |
| (6) Total Asian American-owned             | 58   | \$32,259                                   | \$53,400   | 4.7   | 1.8  | 2.9                                    | 259.7                               |
| (7) Asian-Pacific American-owned           | 33   | \$29,598                                   | \$47,875   | 4.2   | 1.2  | 3.0                                    | 350.8                               |
| (8) Subcontinent Asian American-owned      | 22   | \$2,422                                    | \$5,157  | 0.5   | 0.6  | -0.2                                   | 74.6                                |
| (9) Hispanic American-owned                | 76   | \$29,282                                   | \$51,577   | 4.6   | 5.5  | -1.0                                   | 82.6                                |
| (10) Native American-owned                 | 3  | \$242                                      | \$286  | 0.0   | 0.3  | -0.2                                   | 9.7                                 |
| (11) Unknown MBE                           | 21   | \$2,145                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 160  | \$54,938                                   | \$91,959   | 8.1   |  |  |                                     |
| (13) Women-owned DBE                       | 15   | \$6,422                                    | \$9,089  | 0.8   |  |  |                                     |
| (14) Minority-owned DBE                    | 141  | \$48,435                                   | \$82,870   | 7.3   |  |  |                                     |
| (14) African American-owned DBE            | 8  | \$2,148                                    | \$3,265  | 0.3   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 46   | \$26,711                                   | \$44,210   | 3.9   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 28   | \$24,801                                   | \$39,710   | 3.5   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 18   | \$1,910                                    | \$4,500  | 0.4   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 67   | \$18,301                                   | \$35,105   | 3.1   |  |  |                                     |
| (20) Native American-owned DBE             | 3  | \$242                                      | \$290  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 17   | \$1,034                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 4  | \$80                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-47.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: North Region**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 56   | \$15,978                                   | \$56,263   |   |  |  |                                     |
| (2) MBE/WBE                                | 27   | \$8,177                                    | \$29,551   | 52.5  | 28.8   | 23.8                                   | 182.6                               |
| (3) WBE                                    | 13   | \$6,255                                    | \$23,513   | 41.8  | 5.4  | 36.4                                   | 770.8                               |
| (4) MBE                                    | 14   | \$1,922                                    | \$6,038  | 10.7  | 23.3   | -12.6                                  | 46.0                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 3.7  | -3.7                                   | 0.0                                 |
| (6) Total Asian American-owned             | 4  | \$876                                      | \$2,942  | 5.2   | 9.6  | -4.4                                   | 54.5                                |
| (7) Asian-Pacific American-owned           | 3  | \$607                                      | \$2,038  | 3.6   | 7.4  | -3.8                                   | 49.0                                |
| (8) Subcontinent Asian American-owned      | 1  | \$269                                      | \$905  | 1.6   | 2.2  | -0.6                                   | 73.2                                |
| (9) Hispanic American-owned                | 6  | \$866                                      | \$3,096  | 5.5   | 8.7  | -3.2                                   | 63.1                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.4  | -1.4                                   | 0.0                                 |
| (11) Unknown MBE                           | 4  | \$180                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 16   | \$2,360                                    | \$6,751  | 12.0  |  |  |                                     |
| (13) Women-owned DBE                       | 7  | \$658                                      | \$1,882  | 3.3   |  |  |                                     |
| (14) Minority-owned DBE                    | 9  | \$1,702                                    | \$4,869  | 8.7   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 4  | \$876                                      | \$2,520  | 4.5   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 3  | \$607                                      | \$1,745  | 3.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$269                                      | \$775  | 1.4   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 4  | \$817                                      | \$2,349  | 4.2   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 1  | \$10                                       |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-48.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 4**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 128  | \$78,707                                   | \$187,686  |   |  |  |                                     |
| (2) MBE/WBE                                | 54   | \$10,492                                   | \$33,108   | 17.6  | 23.2   | -5.5                                   | 76.1                                |
| (3) WBE                                    | 14   | \$2,720                                    | \$6,715  | 3.6   | 5.1  | -1.5                                   | 70.2                                |
| (4) MBE                                    | 40   | \$7,772                                    | \$26,393   | 14.1  | 18.1   | -4.0                                   | 77.8                                |
| (5) African American-owned                 | 3  | \$370                                      | \$1,090  | 0.6   | 1.5  | -0.9                                   | 38.5                                |
| (6) Total Asian American-owned             | 28   | \$6,075                                    | \$20,746   | 11.1  | 6.8  | 4.2                                    | 161.8                               |
| (7) Asian-Pacific American-owned           | 15   | \$1,240                                    | \$7,133  | 3.8   | 4.0  | -0.2                                   | 94.0                                |
| (8) Subcontinent Asian American-owned      | 7  | \$3,860                                    | \$11,385   | 6.1   | 2.8  | 3.3                                    | 217.3                               |
| (9) Hispanic American-owned                | 6  | \$1,207                                    | \$4,557  | 2.4   | 7.6  | -5.1                                   | 32.1                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.2  | -2.2                                   | 0.0                                 |
| (11) Unknown MBE                           | 3  | \$120                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 41   | \$6,859                                    | \$23,391   | 12.5  |  |  |                                     |
| (13) Women-owned DBE                       | 7  | \$383                                      | \$1,115  | 0.6   |  |  |                                     |
| (14) Minority-owned DBE                    | 33   | \$6,411                                    | \$22,087   | 11.8  |  |  |                                     |
| (14) African American-owned DBE            | 3  | \$370                                      | \$1,090  | 0.6   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 23   | \$4,852                                    | \$17,785   | 9.5   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 14   | \$972                                      | \$6,344  | 3.4   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 7  | \$3,860                                    | \$11,385   | 6.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 5  | \$1,089                                    | \$3,211  | 1.7   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 1  | \$65                                       | \$190  | 0.1   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 2  | \$101                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-49.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: Central Region**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 90   | \$25,277                                   | \$46,022   |   |  |  |                                     |
| (2) MBE/WBE                                | 41   | \$9,058                                    | \$12,569   | 27.3  | 32.2   | -4.9                                   | 84.8                                |
| (3) WBE                                    | 17   | \$3,117                                    | \$3,904  | 8.5   | 9.7  | -1.2                                   | 87.3                                |
| (4) MBE                                    | 24   | \$5,941                                    | \$8,665  | 18.8  | 22.5   | -3.7                                   | 83.7                                |
| (5) African American-owned                 | 3  | \$235                                      | \$294  | 0.6   | 3.2  | -2.5                                   | 20.2                                |
| (6) Total Asian American-owned             | 12   | \$1,524                                    | \$1,921  | 4.2   | 9.9  | -5.8                                   | 41.9                                |
| (7) Asian-Pacific American-owned           | 9  | \$778                                      | \$978  | 2.1   | 7.3  | -5.2                                   | 29.0                                |
| (8) Subcontinent Asian American-owned      | 1  | \$674                                      | \$842  | 1.8   | 2.6  | -0.8                                   | 69.9                                |
| (9) Hispanic American-owned                | 8  | \$4,111                                    | \$6,362  | 13.8  | 8.2  | 5.6                                    | 167.7                               |
| (10) Native American-owned                 | 1  | \$71                                       | \$89   | 0.2   | 1.1  | -0.9                                   | 16.9                                |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 25   | \$6,784                                    | \$9,697  | 21.1  |  |  |                                     |
| (13) Women-owned DBE                       | 9  | \$1,152                                    | \$1,444  | 3.1   |  |  |                                     |
| (14) Minority-owned DBE                    | 16   | \$5,632                                    | \$8,252  | 17.9  |  |  |                                     |
| (14) African American-owned DBE            | 3  | \$235                                      | \$294  | 0.6   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 7  | \$1,386                                    | \$1,738  | 3.8   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 6  | \$712                                      | \$896  | 1.9   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$674                                      | \$842  | 1.8   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 6  | \$4,011                                    | \$6,220  | 13.5  |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.



**Figure E-50.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 7**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 54   | \$22,543                                   | \$38,916   |   |  |  |                                     |
| (2) MBE/WBE                                | 34   | \$8,575                                    | \$12,632   | 32.5  | 29.5   | 2.9                                    | 110.0                               |
| (3) WBE                                    | 13   | \$1,176                                    | \$1,630  | 4.2   | 6.9  | -2.7                                   | 60.9                                |
| (4) MBE                                    | 21   | \$7,399                                    | \$11,002   | 28.3  | 22.6   | 5.6                                    | 124.9                               |
| (5) African American-owned                 | 1  | \$151                                      | \$209  | 0.5   | 4.3  | -3.8                                   | 12.5                                |
| (6) Total Asian American-owned             | 12   | \$6,363                                    | \$9,569  | 24.6  | 11.3   | 13.3                                   | 216.9                               |
| (7) Asian-Pacific American-owned           | 4  | \$879                                      | \$2,093  | 5.4   | 8.7  | -3.3                                   | 61.9                                |
| (8) Subcontinent Asian American-owned      | 8  | \$5,484                                    | \$7,476  | 19.2  | 2.7  | 16.6                                   | 723.1                               |
| (9) Hispanic American-owned                | 8  | \$885                                      | \$1,224  | 3.1   | 6.2  | -3.1                                   | 50.7                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 0.8  | -0.8                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 29   | \$7,768                                    | \$11,521   | 29.6  |  |  |                                     |
| (13) Women-owned DBE                       | 12   | \$1,105                                    | \$1,533  | 3.9   |  |  |                                     |
| (14) Minority-owned DBE                    | 16   | \$6,641                                    | \$9,988  | 25.7  |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$151                                      | \$209  | 0.5   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 11   | \$6,341                                    | \$9,572  | 24.6  |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 4  | \$879                                      | \$2,098  | 5.4   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 7  | \$5,461                                    | \$7,474  | 19.2  |  |  |                                     |
| (19) Hispanic American-owned DBE           | 4  | \$149                                      | \$206  | 0.5   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$22                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-51.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 8**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 164  | \$44,170                                   | \$47,262   |   |  |  |                                     |
| (2) MBE/WBE                                | 72   | \$10,845                                   | \$11,604   | 24.6  | 30.8   | -6.3                                   | 79.6                                |
| (3) WBE                                    | 15   | \$1,807                                    | \$1,933  | 4.1   | 12.0   | -7.9                                   | 34.2                                |
| (4) MBE                                    | 57   | \$9,038                                    | \$9,671  | 20.5  | 18.9   | 1.6                                    | 108.3                               |
| (5) African American-owned                 | 5  | \$809                                      | \$869  | 1.8   | 4.0  | -2.2                                   | 45.8                                |
| (6) Total Asian American-owned             | 24   | \$3,175                                    | \$3,412  | 7.2   | 6.6  | 0.7                                    | 110.1                               |
| (7) Asian-Pacific American-owned           | 19   | \$2,477                                    | \$2,662  | 5.6   | 4.5  | 1.2                                    | 126.0                               |
| (8) Subcontinent Asian American-owned      | 4  | \$695                                      | \$746  | 1.6   | 2.1  | -0.5                                   | 75.6                                |
| (9) Hispanic American-owned                | 26   | \$5,015                                    | \$5,389  | 11.4  | 7.6  | 3.8                                    | 150.5                               |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 0.7  | -0.7                                   | 0.0                                 |
| (11) Unknown MBE                           | 2  | \$39                                       |  |   |  |  |                                     |
| (12) DBE-certified                         | 51   | \$7,057                                    | \$7,551  | 16.0  |  |  |                                     |
| (13) Women-owned DBE                       | 12   | \$1,696                                    | \$1,817  | 3.8   |  |  |                                     |
| (14) Minority-owned DBE                    | 38   | \$5,354                                    | \$5,734  | 12.1  |  |  |                                     |
| (14) African American-owned DBE            | 5  | \$809                                      | \$867  | 1.8   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 13   | \$1,433                                    | \$1,535  | 3.2   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 11   | \$1,381                                    | \$1,479  | 3.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$49                                       | \$52   | 0.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 20   | \$3,111                                    | \$3,332  | 7.1   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$7  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-52.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 11**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 48   | \$15,076                                   | \$189,867  |   |  |  |                                     |
| (2) MBE/WBE                                | 13   | \$436                                      | \$7,556  | 4.0   | 23.1   | -19.1                                  | 17.2                                |
| (3) WBE                                    | 4  | \$142                                      | \$1,213  | 0.6   | 7.8  | -7.2                                   | 8.1                                 |
| (4) MBE                                    | 9  | \$294                                      | \$6,343  | 3.3   | 15.2   | -11.9                                  | 21.9                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.9  | -1.9                                   | 0.0                                 |
| (6) Total Asian American-owned             | 3  | \$14                                       | \$72   | 0.0   | 8.1  | -8.1                                   | 0.5                                 |
| (7) Asian-Pacific American-owned           | 3  | \$14                                       | \$72   | 0.0   | 5.4  | -5.4                                   | 0.7                                 |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 2.7  | -2.7                                   | 0.0                                 |
| (9) Hispanic American-owned                | 5  | \$197                                      | \$6,271  | 3.3   | 4.7  | -1.3                                   | 71.0                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 0.5  | -0.5                                   | 0.0                                 |
| (11) Unknown MBE                           | 1  | \$83                                       |  |   |  |  |                                     |
| (12) DBE-certified                         | 11   | \$405                                      | \$7,239  | 3.8   |  |  |                                     |
| (13) Women-owned DBE                       | 4  | \$142                                      | \$1,213  | 0.6   |  |  |                                     |
| (14) Minority-owned DBE                    | 7  | \$263                                      | \$6,026  | 3.2   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 2  | \$9  | \$34   | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 2  | \$9  | \$34   | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 4  | \$171                                      | \$5,991  | 3.2   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 1  | \$83                                       |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-53.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 12**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 14   | \$1,194                                    | \$1,194  |   |  |  |                                     |
| (2) MBE/WBE                                | 6  | \$169                                      | \$169  | 14.2  | 29.8   | -15.6                                  | 47.6                                |
| (3) WBE                                    | 1  | \$57                                       | \$57   | 4.8   | 8.6  | -3.9                                   | 55.2                                |
| (4) MBE                                    | 5  | \$112                                      | \$112  | 9.4   | 21.2   | -11.7                                  | 44.5                                |
| (5) African American-owned                 | 1  | \$10                                       | \$10   | 0.9   | 2.1  | -1.3                                   | 40.5                                |
| (6) Total Asian American-owned             | 2  | \$67                                       | \$72   | 6.1   | 11.6   | -5.6                                   | 52.1                                |
| (7) Asian-Pacific American-owned           | 1  | \$7  | \$8  | 0.6   | 8.0  | -7.4                                   | 7.9                                 |
| (8) Subcontinent Asian American-owned      | 1  | \$60                                       | \$65   | 5.4   | 3.6  | 1.8                                    | 151.6                               |
| (9) Hispanic American-owned                | 1  | \$28                                       | \$30   | 2.5   | 6.0  | -3.5                                   | 41.3                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.3  | -1.3                                   | 0.0                                 |
| (11) Unknown MBE                           | 1  | \$8  |  |   |  |  |                                     |
| (12) DBE-certified                         | 6  | \$169                                      | \$169  | 14.2  |  |  |                                     |
| (13) Women-owned DBE                       | 1  | \$57                                       | \$57   | 4.8   |  |  |                                     |
| (14) Minority-owned DBE                    | 5  | \$112                                      | \$112  | 9.4   |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$10                                       | \$10   | 0.9   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 2  | \$67                                       | \$72   | 6.1   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 1  | \$7  | \$8  | 0.6   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$60                                       | \$65   | 5.4   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 1  | \$28                                       | \$30   | 2.5   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 1  | \$8  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-54.**  
**Agency: Caltrans**  
**Funding: State**  
**Type: Construction and Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 3,847  | \$1,240,060                                | \$1,242,705                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 1,504  | \$153,874                                  | \$154,348  | 12.4  | 18.2   | -5.8                                   | 68.2                                |
| (3) WBE                                    | 404  | \$27,891                                   | \$28,207   | 2.3   | 5.3  | -3.0                                   | 43.1                                |
| (4) MBE                                    | 1,100  | \$125,983                                  | \$126,140  | 10.2  | 12.9   | -2.8                                   | 78.5                                |
| (5) African American-owned                 | 184  | \$4,706                                    | \$5,288  | 0.4   | 2.0  | -1.6                                   | 21.3                                |
| (6) Total Asian American-owned             | 213  | \$14,264                                   | \$15,891   | 1.3   | 1.7  | -0.4                                   | 76.7                                |
| (7) Asian-Pacific American-owned           | 87   | \$5,829                                    | \$6,523  | 0.5   | 1.5  | -0.9                                   | 36.2                                |
| (8) Subcontinent Asian American-owned      | 124  | \$8,414                                    | \$9,345  | 0.8   | 0.2  | 0.5                                    | 350.3                               |
| (9) Hispanic American-owned                | 372  | \$83,937                                   | \$93,186   | 7.5   | 8.2  | -0.7                                   | 91.9                                |
| (10) Native American-owned                 | 119  | \$10,556                                   | \$11,776   | 0.9   | 1.1  | -0.1                                   | 86.3                                |
| (11) Unknown MBE                           | 212  | \$12,519                                   |  |   |  |  |                                     |
| (12) DBE-certified                         | 1,175  | \$103,376                                  | \$103,673  | 8.3   |  |  |                                     |
| (13) Women-owned DBE                       | 266  | \$9,651                                    | \$10,287   | 0.8   |  |  |                                     |
| (14) Minority-owned DBE                    | 895  | \$90,173                                   | \$93,386   | 7.5   |  |  |                                     |
| (14) African American-owned DBE            | 169  | \$3,705                                    | \$4,019  | 0.3   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 160  | \$9,598                                    | \$10,425   | 0.8   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 82   | \$3,662                                    | \$3,984  | 0.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 78   | \$5,936                                    | \$6,441  | 0.5   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 255  | \$62,412                                   | \$67,698   | 5.4   |  |  |                                     |
| (20) Native American-owned DBE             | 116  | \$10,366                                   | \$11,244   | 0.9   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 195  | \$4,091                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 14   | \$3,552                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-55.**  
**Agency: Caltrans**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 3,805  | \$1,232,672                                | \$1,232,672                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 1,492  | \$153,166                                  | \$153,166  | 12.4  | 18.1   | -5.7                                   | 68.5                                |
| (3) WBE                                    | 399  | \$27,467                                   | \$27,467   | 2.2   | 5.3  | -3.0                                   | 42.3                                |
| (4) MBE                                    | 1,093  | \$125,698                                  | \$125,698  | 10.2  | 12.9   | -2.7                                   | 79.2                                |
| (5) African American-owned                 | 182  | \$4,598                                    | \$5,107  | 0.4   | 2.0  | -1.6                                   | 20.8                                |
| (6) Total Asian American-owned             | 210  | \$14,198                                   | \$15,768   | 1.3   | 1.6  | -0.3                                   | 79.6                                |
| (7) Asian-Pacific American-owned           | 85   | \$5,767                                    | \$6,405  | 0.5   | 1.4  | -0.9                                   | 36.9                                |
| (8) Subcontinent Asian American-owned      | 123  | \$8,410                                    | \$9,341  | 0.8   | 0.2  | 0.6                                    | 382.8                               |
| (9) Hispanic American-owned                | 371  | \$83,895                                   | \$93,176   | 7.6   | 8.2  | -0.6                                   | 92.6                                |
| (10) Native American-owned                 | 118  | \$10,488                                   | \$11,648   | 0.9   | 1.1  | -0.1                                   | 86.3                                |
| (11) Unknown MBE                           | 212  | \$12,519                                   |  |   |  |  |                                     |
| (12) DBE-certified                         | 1,168  | \$102,902                                  | \$102,902  | 8.3   |  |  |                                     |
| (13) Women-owned DBE                       | 263  | \$9,271                                    | \$9,602  | 0.8   |  |  |                                     |
| (14) Minority-owned DBE                    | 891  | \$90,079                                   | \$93,300   | 7.6   |  |  |                                     |
| (14) African American-owned DBE            | 168  | \$3,672                                    | \$3,984  | 0.3   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 158  | \$9,579                                    | \$10,394   | 0.8   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 81   | \$3,648                                    | \$3,958  | 0.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 77   | \$5,932                                    | \$6,436  | 0.5   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 254  | \$62,370                                   | \$67,674   | 5.5   |  |  |                                     |
| (20) Native American-owned DBE             | 116  | \$10,366                                   | \$11,248   | 0.9   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 195  | \$4,091                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 14   | \$3,552                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-56.**  
**Agency: Caltrans**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 42   | \$7,389                                    | \$10,034   |   |  |  |                                     |
| (2) MBE/WBE                                | 12   | \$708                                      | \$1,182  | 11.8  | 26.3   | -14.6                                  | 44.7                                |
| (3) WBE                                    | 5  | \$424                                      | \$740  | 7.4   | 5.7  | 1.6                                    | 128.7                               |
| (4) MBE                                    | 7  | \$285                                      | \$442  | 4.4   | 20.6   | -16.2                                  | 21.4                                |
| (5) African American-owned                 | 2  | \$108                                      | \$165  | 1.6   | 2.2  | -0.6                                   | 73.8                                |
| (6) Total Asian American-owned             | 3  | \$66                                       | \$116  | 1.2   | 9.0  | -7.9                                   | 12.8                                |
| (7) Asian-Pacific American-owned           | 2  | \$62                                       | \$109  | 1.1   | 6.8  | -5.7                                   | 16.0                                |
| (8) Subcontinent Asian American-owned      | 1  | \$4  | \$7  | 0.1   | 2.3  | -2.2                                   | 3.1                                 |
| (9) Hispanic American-owned                | 1  | \$42                                       | \$42   | 0.4   | 7.9  | -7.5                                   | 5.3                                 |
| (10) Native American-owned                 | 1  | \$68                                       | \$119  | 1.2   | 1.4  | -0.2                                   | 83.0                                |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 7  | \$474                                      | \$771  | 7.7   |  |  |                                     |
| (13) Women-owned DBE                       | 3  | \$380                                      | \$664  | 6.6   |  |  |                                     |
| (14) Minority-owned DBE                    | 4  | \$93                                       | \$107  | 1.1   |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$33                                       | \$33   | 0.3   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 2  | \$18                                       | \$32   | 0.3   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 1  | \$14                                       | \$25   | 0.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$4  | \$7  | 0.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 1  | \$42                                       | \$42   | 0.4   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-57.**  
**Agency: Caltrans**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 813  | \$920,716                                  | \$920,716  |   |  |  |                                     |
| (2) MBE/WBE                                | 127  | \$69,218                                   | \$69,218   | 7.5   | 13.4   | -5.9                                   | 56.1                                |
| (3) WBE                                    | 12   | \$9,182                                    | \$9,182  | 1.0   | 4.1  | -3.1                                   | 24.4                                |
| (4) MBE                                    | 115  | \$60,036                                   | \$60,036   | 6.5   | 9.3  | -2.8                                   | 70.0                                |
| (5) African American-owned                 | 11   | \$2,667                                    | \$3,071  | 0.3   | 2.1  | -1.7                                   | 16.2                                |
| (6) Total Asian American-owned             | 18   | \$6,709                                    | \$7,727  | 0.8   | 1.2  | -0.4                                   | 70.2                                |
| (7) Asian-Pacific American-owned           | 7  | \$3,678                                    | \$4,236  | 0.5   | 1.0  | -0.6                                   | 45.3                                |
| (8) Subcontinent Asian American-owned      | 11   | \$3,030                                    | \$3,490  | 0.4   | 0.2  | 0.2                                    | 211.8                               |
| (9) Hispanic American-owned                | 66   | \$35,340                                   | \$40,703   | 4.4   | 5.0  | -0.6                                   | 88.5                                |
| (10) Native American-owned                 | 19   | \$7,412                                    | \$8,536  | 0.9   | 1.1  | -0.1                                   | 87.3                                |
| (11) Unknown MBE                           | 1  | \$7,909                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 82   | \$38,501                                   | \$38,501   | 4.2   |  |  |                                     |
| (13) Women-owned DBE                       | 4  | \$1,995                                    | \$2,047  | 0.2   |  |  |                                     |
| (14) Minority-owned DBE                    | 77   | \$35,540                                   | \$36,455   | 4.0   |  |  |                                     |
| (14) African American-owned DBE            | 6  | \$1,865                                    | \$1,913  | 0.2   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 15   | \$4,164                                    | \$4,272  | 0.5   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 5  | \$1,734                                    | \$1,779  | 0.2   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 10   | \$2,430                                    | \$2,493  | 0.3   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 38   | \$22,215                                   | \$22,786   | 2.5   |  |  |                                     |
| (20) Native American-owned DBE             | 18   | \$7,296                                    | \$7,484  | 0.8   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$966                                      |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.



**Figure E-58.**  
**Agency: Caltrans**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 2,992  | \$311,955                                  | \$311,955  |   |  |  |                                     |
| (2) MBE/WBE                                | 1,365  | \$83,948                                   | \$83,948   | 26.9  | 32.0   | -5.1                                   | 84.0                                |
| (3) WBE                                    | 387  | \$18,286                                   | \$18,286   | 5.9   | 8.7  | -2.9                                   | 67.0                                |
| (4) MBE                                    | 978  | \$65,662                                   | \$65,662   | 21.0  | 23.3   | -2.2                                   | 90.4                                |
| (5) African American-owned                 | 171  | \$1,932                                    | \$2,078  | 0.7   | 1.8  | -1.1                                   | 37.5                                |
| (6) Total Asian American-owned             | 192  | \$7,489                                    | \$8,054  | 2.6   | 2.8  | -0.2                                   | 91.8                                |
| (7) Asian-Pacific American-owned           | 78   | \$2,089                                    | \$2,246  | 0.7   | 2.6  | -1.8                                   | 28.1                                |
| (8) Subcontinent Asian American-owned      | 112  | \$5,380                                    | \$5,786  | 1.9   | 0.3  | 1.6                                    | 730.9                               |
| (9) Hispanic American-owned                | 305  | \$48,555                                   | \$52,221   | 16.7  | 17.5   | -0.7                                   | 95.8                                |
| (10) Native American-owned                 | 99   | \$3,076                                    | \$3,309  | 1.1   | 1.2  | -0.1                                   | 89.1                                |
| (11) Unknown MBE                           | 211  | \$4,610                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 1,086  | \$64,401                                   | \$64,401   | 20.6  |  |  |                                     |
| (13) Women-owned DBE                       | 259  | \$7,276                                    | \$7,580  | 2.4   |  |  |                                     |
| (14) Minority-owned DBE                    | 814  | \$54,540                                   | \$56,821   | 18.2  |  |  |                                     |
| (14) African American-owned DBE            | 162  | \$1,808                                    | \$2,036  | 0.7   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 143  | \$5,415                                    | \$6,099  | 2.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 76   | \$1,914                                    | \$2,155  | 0.7   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 67   | \$3,501                                    | \$3,944  | 1.3   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 216  | \$40,156                                   | \$45,228   | 14.5  |  |  |                                     |
| (20) Native American-owned DBE             | 98   | \$3,070                                    | \$3,458  | 1.1   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 195  | \$4,091                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 13   | \$2,586                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-59.**  
**Agency: Caltrans**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 9  | \$6,129                                    | \$8,077  |   |  |  |                                     |
| (2) MBE/WBE                                | 0  | \$0  | \$0  | 0.0   | 24.4   | -24.4                                  | 0.0                                 |
| (3) WBE                                    | 0  | \$0  | \$0  | 0.0   | 4.5  | -4.5                                   | 0.0                                 |
| (4) MBE                                    | 0  | \$0  | \$0  | 0.0   | 19.9   | -19.9                                  | 0.0                                 |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.0  | -2.0                                   | 0.0                                 |
| (6) Total Asian American-owned             | 0  | \$0  | \$0  | 0.0   | 8.2  | -8.2                                   | 0.0                                 |
| (7) Asian-Pacific American-owned           | 0  | \$0  | \$0  | 0.0   | 6.4  | -6.4                                   | 0.0                                 |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 1.8  | -1.8                                   | 0.0                                 |
| (9) Hispanic American-owned                | 0  | \$0  | \$0  | 0.0   | 8.1  | -8.1                                   | 0.0                                 |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.5  | -1.5                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-60.**  
**Agency: Caltrans**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 33   | \$1,259                                    | \$1,956  |   |  |  |                                     |
| (2) MBE/WBE                                | 12   | \$708                                      | \$1,182  | 60.4  | 34.3   | 26.1                                   | 176.3                               |
| (3) WBE                                    | 5  | \$424                                      | \$740  | 37.8  | 10.7   | 27.1                                   | 352.2                               |
| (4) MBE                                    | 7  | \$285                                      | \$442  | 22.6  | 23.5   | -0.9                                   | 96.1                                |
| (5) African American-owned                 | 2  | \$108                                      | \$165  | 8.4   | 3.0  | 5.4                                    | 278.4                               |
| (6) Total Asian American-owned             | 3  | \$66                                       | \$116  | 5.9   | 12.3   | -6.4                                   | 48.2                                |
| (7) Asian-Pacific American-owned           | 2  | \$62                                       | \$109  | 5.6   | 8.2  | -2.6                                   | 67.8                                |
| (8) Subcontinent Asian American-owned      | 1  | \$4  | \$7  | 0.4   | 4.1  | -3.7                                   | 8.8                                 |
| (9) Hispanic American-owned                | 1  | \$42                                       | \$42   | 2.1   | 7.1  | -5.0                                   | 30.1                                |
| (10) Native American-owned                 | 1  | \$68                                       | \$119  | 6.1   | 1.0  | 5.1                                    | 588.1                               |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 7  | \$474                                      | \$771  | 39.4  |  |  |                                     |
| (13) Women-owned DBE                       | 3  | \$380                                      | \$664  | 33.9  |  |  |                                     |
| (14) Minority-owned DBE                    | 4  | \$93                                       | \$107  | 5.5   |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$33                                       | \$33   | 1.7   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 2  | \$18                                       | \$32   | 1.6   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 1  | \$14                                       | \$25   | 1.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$4  | \$7  | 0.4   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 1  | \$42                                       | \$42   | 2.1   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-61.**  
**Agency: Local Agency**  
**Funding: State**  
**Type: Construction and Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 458  | \$195,518                                  | \$716,311  |   |  |  |                                     |
| (2) MBE/WBE                                | 168  | \$22,538                                   | \$69,886   | 9.8   | 21.2   | -11.4                                  | 46.1                                |
| (3) WBE                                    | 45   | \$6,811                                    | \$24,514   | 3.4   | 6.1  | -2.7                                   | 55.7                                |
| (4) MBE                                    | 123  | \$15,727                                   | \$45,372   | 6.3   | 15.0   | -8.7                                   | 42.2                                |
| (5) African American-owned                 | 5  | \$312                                      | \$918  | 0.1   | 2.2  | -2.0                                   | 6.0                                 |
| (6) Total Asian American-owned             | 25   | \$2,028                                    | \$7,293  | 1.0   | 3.7  | -2.7                                   | 27.4                                |
| (7) Asian-Pacific American-owned           | 15   | \$1,370                                    | \$5,350  | 0.7   | 2.9  | -2.2                                   | 25.7                                |
| (8) Subcontinent Asian American-owned      | 7  | \$410                                      | \$1,081  | 0.2   | 0.8  | -0.7                                   | 18.8                                |
| (9) Hispanic American-owned                | 49   | \$11,973                                   | \$35,296   | 4.9   | 8.1  | -3.2                                   | 60.8                                |
| (10) Native American-owned                 | 10   | \$668                                      | \$1,865  | 0.3   | 1.0  | -0.8                                   | 25.5                                |
| (11) Unknown MBE                           | 34   | \$746                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 111  | \$9,545                                    | \$27,750   | 3.9   |  |  |                                     |
| (13) Women-owned DBE                       | 16   | \$879                                      | \$2,669  | 0.4   |  |  |                                     |
| (14) Minority-owned DBE                    | 94   | \$8,639                                    | \$25,081   | 3.5   |  |  |                                     |
| (14) African American-owned DBE            | 4  | \$182                                      | \$670  | 0.1   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 18   | \$1,567                                    | \$6,511  | 0.9   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 13   | \$1,176                                    | \$5,363  | 0.7   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 5  | \$391                                      | \$1,148  | 0.2   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 33   | \$5,776                                    | \$16,441   | 2.3   |  |  |                                     |
| (20) Native American-owned DBE             | 9  | \$440                                      | \$1,459  | 0.2   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 30   | \$674                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$27                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-62.**  
**Agency: Local Agency**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 348  | \$166,995                                  | \$603,359  |   |  |  |                                     |
| (2) MBE/WBE                                | 134  | \$18,139                                   | \$56,264   | 9.3   | 19.8   | -10.5                                  | 47.2                                |
| (3) WBE                                    | 31   | \$4,144                                    | \$16,002   | 2.7   | 5.5  | -2.9                                   | 48.1                                |
| (4) MBE                                    | 103  | \$13,995                                   | \$40,262   | 6.7   | 14.3   | -7.6                                   | 46.8                                |
| (5) African American-owned                 | 4  | \$182                                      | \$611  | 0.1   | 2.2  | -2.1                                   | 4.6                                 |
| (6) Total Asian American-owned             | 17   | \$1,444                                    | \$4,505  | 0.7   | 2.8  | -2.0                                   | 27.1                                |
| (7) Asian-Pacific American-owned           | 10   | \$956                                      | \$2,955  | 0.5   | 2.3  | -1.8                                   | 21.6                                |
| (8) Subcontinent Asian American-owned      | 5  | \$259                                      | \$724  | 0.1   | 0.5  | -0.4                                   | 24.4                                |
| (9) Hispanic American-owned                | 42   | \$11,008                                   | \$33,321   | 5.5   | 8.3  | -2.7                                   | 66.9                                |
| (10) Native American-owned                 | 9  | \$643                                      | \$1,825  | 0.3   | 1.0  | -0.7                                   | 29.2                                |
| (11) Unknown MBE                           | 31   | \$718                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 86   | \$8,130                                    | \$22,371   | 3.7   |  |  |                                     |
| (13) Women-owned DBE                       | 9  | \$351                                      | \$1,024  | 0.2   |  |  |                                     |
| (14) Minority-owned DBE                    | 77   | \$7,778                                    | \$21,347   | 3.5   |  |  |                                     |
| (14) African American-owned DBE            | 4  | \$182                                      | \$674  | 0.1   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 11   | \$1,002                                    | \$3,427  | 0.6   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 8  | \$762                                      | \$2,680  | 0.4   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 3  | \$240                                      | \$747  | 0.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 27   | \$5,534                                    | \$15,847   | 2.6   |  |  |                                     |
| (20) Native American-owned DBE             | 8  | \$415                                      | \$1,399  | 0.2   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 27   | \$645                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-63.**  
**Agency: Local Agency**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 110  | \$28,523                                   | \$112,952  |   |  |  |                                     |
| (2) MBE/WBE                                | 34   | \$4,399                                    | \$13,622   | 12.1  | 28.4   | -16.4                                  | 42.4                                |
| (3) WBE                                    | 14   | \$2,667                                    | \$8,513  | 7.5   | 9.5  | -1.9                                   | 79.7                                |
| (4) MBE                                    | 20   | \$1,732                                    | \$5,110  | 4.5   | 19.0   | -14.4                                  | 23.9                                |
| (5) African American-owned                 | 1  | \$130                                      | \$288  | 0.3   | 2.0  | -1.7                                   | 13.1                                |
| (6) Total Asian American-owned             | 8  | \$584                                      | \$2,605  | 2.3   | 8.7  | -6.4                                   | 26.6                                |
| (7) Asian-Pacific American-owned           | 5  | \$414                                      | \$2,229  | 2.0   | 6.3  | -4.3                                   | 31.5                                |
| (8) Subcontinent Asian American-owned      | 2  | \$151                                      | \$335  | 0.3   | 2.4  | -2.1                                   | 12.3                                |
| (9) Hispanic American-owned                | 7  | \$965                                      | \$2,161  | 1.9   | 7.4  | -5.4                                   | 26.0                                |
| (10) Native American-owned                 | 1  | \$25                                       | \$55   | 0.0   | 1.0  | -0.9                                   | 5.1                                 |
| (11) Unknown MBE                           | 3  | \$28                                       |  |   |  |  |                                     |
| (12) DBE-certified                         | 25   | \$1,415                                    | \$5,379  | 4.8   |  |  |                                     |
| (13) Women-owned DBE                       | 7  | \$528                                      | \$1,784  | 1.6   |  |  |                                     |
| (14) Minority-owned DBE                    | 17   | \$861                                      | \$3,595  | 3.2   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 7  | \$565                                      | \$2,901  | 2.6   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 5  | \$414                                      | \$2,522  | 2.2   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 2  | \$151                                      | \$379  | 0.3   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 6  | \$242                                      | \$632  | 0.6   |  |  |                                     |
| (20) Native American-owned DBE             | 1  | \$25                                       | \$63   | 0.1   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 3  | \$28                                       |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$27                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-64.**  
**Agency: Local Agency**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 61   | \$125,276                                  | \$470,907  |   |  |  |                                     |
| (2) MBE/WBE                                | 8  | \$8,469                                    | \$28,234   | 6.0   | 16.6   | -10.6                                  | 36.2                                |
| (3) WBE                                    | 2  | \$1,956                                    | \$9,742  | 2.1   | 3.9  | -1.8                                   | 52.8                                |
| (4) MBE                                    | 6  | \$6,513                                    | \$18,492   | 3.9   | 12.6   | -8.7                                   | 31.1                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.1  | -2.1                                   | 0.0                                 |
| (6) Total Asian American-owned             | 1  | \$250                                      | \$806  | 0.2   | 2.3  | -2.1                                   | 7.5                                 |
| (7) Asian-Pacific American-owned           | 1  | \$250                                      | \$806  | 0.2   | 1.9  | -1.7                                   | 9.1                                 |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 0.4  | -0.4                                   | 0.0                                 |
| (9) Hispanic American-owned                | 5  | \$6,263                                    | \$17,686   | 3.8   | 7.3  | -3.5                                   | 51.6                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.0  | -1.0                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 2  | \$1,946                                    | \$4,521  | 1.0   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 2  | \$1,946                                    | \$4,521  | 1.0   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 1  | \$250                                      | \$806  | 0.2   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 1  | \$250                                      | \$806  | 0.2   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 1  | \$1,697                                    | \$3,716  | 0.8   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-65.**  
**Agency: Local Agency**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 287  | \$41,719                                   | \$132,452  |   |  |  |                                     |
| (2) MBE/WBE                                | 126  | \$9,670                                    | \$28,030   | 21.2  | 30.9   | -9.7                                   | 68.6                                |
| (3) WBE                                    | 29   | \$2,188                                    | \$6,260  | 4.7   | 11.0   | -6.3                                   | 43.0                                |
| (4) MBE                                    | 97   | \$7,482                                    | \$21,770   | 16.4  | 19.9   | -3.4                                   | 82.8                                |
| (5) African American-owned                 | 4  | \$182                                      | \$677  | 0.5   | 2.6  | -2.0                                   | 20.0                                |
| (6) Total Asian American-owned             | 16   | \$1,195                                    | \$3,999  | 3.0   | 4.4  | -1.3                                   | 69.2                                |
| (7) Asian-Pacific American-owned           | 9  | \$706                                      | \$2,280  | 1.7   | 3.6  | -1.9                                   | 47.4                                |
| (8) Subcontinent Asian American-owned      | 5  | \$259                                      | \$803  | 0.6   | 0.7  | -0.1                                   | 83.1                                |
| (9) Hispanic American-owned                | 37   | \$4,744                                    | \$15,069   | 11.4  | 11.6   | -0.2                                   | 98.1                                |
| (10) Native American-owned                 | 9  | \$643                                      | \$2,024  | 1.5   | 1.2  | 0.3                                    | 123.9                               |
| (11) Unknown MBE                           | 31   | \$718                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 84   | \$6,184                                    | \$17,850   | 13.5  |  |  |                                     |
| (13) Women-owned DBE                       | 9  | \$351                                      | \$1,024  | 0.8   |  |  |                                     |
| (14) Minority-owned DBE                    | 75   | \$5,832                                    | \$16,825   | 12.7  |  |  |                                     |
| (14) African American-owned DBE            | 4  | \$182                                      | \$719  | 0.5   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 10   | \$752                                      | \$2,596  | 2.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 7  | \$512                                      | \$1,800  | 1.4   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 3  | \$240                                      | \$796  | 0.6   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 26   | \$3,837                                    | \$12,019   | 9.1   |  |  |                                     |
| (20) Native American-owned DBE             | 8  | \$415                                      | \$1,491  | 1.1   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 27   | \$645                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.



**Figure E-66.**  
**Agency: Local Agency**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 30   | \$20,804                                   | \$83,023   |   |  |  |                                     |
| (2) MBE/WBE                                | 2  | \$1,937                                    | \$6,255  | 7.5   | 25.5   | -18.0                                  | 29.6                                |
| (3) WBE                                    | 2  | \$1,937                                    | \$6,255  | 7.5   | 8.8  | -1.2                                   | 85.8                                |
| (4) MBE                                    | 0  | \$0  | \$0  | 0.0   | 16.7   | -16.7                                  | 0.0                                 |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.9  | -1.9                                   | 0.0                                 |
| (6) Total Asian American-owned             | 0  | \$0  | \$0  | 0.0   | 7.7  | -7.7                                   | 0.0                                 |
| (7) Asian-Pacific American-owned           | 0  | \$0  | \$0  | 0.0   | 5.6  | -5.6                                   | 0.0                                 |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 2.0  | -2.0                                   | 0.0                                 |
| (9) Hispanic American-owned                | 0  | \$0  | \$0  | 0.0   | 6.3  | -6.3                                   | 0.0                                 |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 0.9  | -0.9                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 1  | \$287                                      | \$926  | 1.1   |  |  |                                     |
| (13) Women-owned DBE                       | 1  | \$287                                      | \$926  | 1.1   |  |  |                                     |
| (14) Minority-owned DBE                    | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-67.**  
**Agency: Local Agency**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 80   | \$7,719                                    | \$29,929   |   |  |  |                                     |
| (2) MBE/WBE                                | 32   | \$2,463                                    | \$7,367  | 24.6  | 36.5   | -11.9                                  | 67.4                                |
| (3) WBE                                    | 12   | \$731                                      | \$2,258  | 7.5   | 11.3   | -3.8                                   | 66.6                                |
| (4) MBE                                    | 20   | \$1,732                                    | \$5,110  | 17.1  | 25.2   | -8.1                                   | 67.8                                |
| (5) African American-owned                 | 1  | \$130                                      | \$288  | 1.0   | 2.2  | -1.3                                   | 43.4                                |
| (6) Total Asian American-owned             | 8  | \$584                                      | \$2,605  | 8.7   | 11.5   | -2.8                                   | 75.6                                |
| (7) Asian-Pacific American-owned           | 5  | \$414                                      | \$2,229  | 7.4   | 8.0  | -0.5                                   | 93.2                                |
| (8) Subcontinent Asian American-owned      | 2  | \$151                                      | \$335  | 1.1   | 3.5  | -2.4                                   | 31.7                                |
| (9) Hispanic American-owned                | 7  | \$965                                      | \$2,161  | 7.2   | 10.2   | -3.0                                   | 70.5                                |
| (10) Native American-owned                 | 1  | \$25                                       | \$55   | 0.2   | 1.1  | -0.9                                   | 16.4                                |
| (11) Unknown MBE                           | 3  | \$28                                       |  |   |  |  |                                     |
| (12) DBE-certified                         | 24   | \$1,129                                    | \$4,454  | 14.9  |  |  |                                     |
| (13) Women-owned DBE                       | 6  | \$241                                      | \$764  | 2.6   |  |  |                                     |
| (14) Minority-owned DBE                    | 17   | \$861                                      | \$3,690  | 12.3  |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 7  | \$565                                      | \$2,977  | 9.9   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 5  | \$414                                      | \$2,588  | 8.6   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 2  | \$151                                      | \$389  | 1.3   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 6  | \$242                                      | \$648  | 2.2   |  |  |                                     |
| (20) Native American-owned DBE             | 1  | \$25                                       | \$64   | 0.2   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 3  | \$28                                       |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$27                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-68.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction and Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 4,305  | \$1,435,578                                | \$1,959,016                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 1,672  | \$176,412                                  | \$224,234  | 11.4  | 19.3   | -7.8                                   | 59.4                                |
| (3) WBE                                    | 449  | \$34,702                                   | \$52,722   | 2.7   | 5.6  | -2.9                                   | 48.2                                |
| (4) MBE                                    | 1,223  | \$141,710                                  | \$171,512  | 8.8   | 13.7   | -4.9                                   | 64.0                                |
| (5) African American-owned                 | 189  | \$5,018                                    | \$6,201  | 0.3   | 2.1  | -1.7                                   | 15.4                                |
| (6) Total Asian American-owned             | 238  | \$16,292                                   | \$23,191   | 1.2   | 2.4  | -1.2                                   | 49.2                                |
| (7) Asian-Pacific American-owned           | 102  | \$7,199                                    | \$11,888   | 0.6   | 2.0  | -1.4                                   | 30.7                                |
| (8) Subcontinent Asian American-owned      | 131  | \$8,825                                    | \$10,415   | 0.5   | 0.4  | 0.1                                    | 124.6                               |
| (9) Hispanic American-owned                | 421  | \$95,910                                   | \$128,491  | 6.6   | 8.1  | -1.6                                   | 80.6                                |
| (10) Native American-owned                 | 129  | \$11,225                                   | \$13,630   | 0.7   | 1.1  | -0.4                                   | 65.0                                |
| (11) Unknown MBE                           | 246  | \$13,265                                   |  |   |  |  |                                     |
| (12) DBE-certified                         | 1,286  | \$112,921                                  | \$131,424  | 6.7   |  |  |                                     |
| (13) Women-owned DBE                       | 282  | \$10,530                                   | \$12,956   | 0.7   |  |  |                                     |
| (14) Minority-owned DBE                    | 989  | \$98,811                                   | \$118,468  | 6.0   |  |  |                                     |
| (14) African American-owned DBE            | 173  | \$3,887                                    | \$4,727  | 0.2   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 178  | \$11,165                                   | \$16,594   | 0.8   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 95   | \$4,838                                    | \$8,951  | 0.5   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 83   | \$6,327                                    | \$7,644  | 0.4   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 288  | \$68,188                                   | \$84,300   | 4.3   |  |  |                                     |
| (20) Native American-owned DBE             | 125  | \$10,807                                   | \$12,847   | 0.7   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 225  | \$4,765                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 15   | \$3,579                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-69.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 4,153  | \$1,399,667                                | \$1,836,030                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 1,626  | \$171,305                                  | \$209,430  | 11.4  | 18.7   | -7.3                                   | 61.1                                |
| (3) WBE                                    | 430  | \$31,611                                   | \$43,469   | 2.4   | 5.3  | -3.0                                   | 44.3                                |
| (4) MBE                                    | 1,196  | \$139,694                                  | \$165,960  | 9.0   | 13.3   | -4.3                                   | 67.9                                |
| (5) African American-owned                 | 186  | \$4,780                                    | \$5,721  | 0.3   | 2.1  | -1.7                                   | 15.2                                |
| (6) Total Asian American-owned             | 227  | \$15,642                                   | \$20,275   | 1.1   | 2.0  | -0.9                                   | 55.8                                |
| (7) Asian-Pacific American-owned           | 95   | \$6,723                                    | \$9,357  | 0.5   | 1.7  | -1.2                                   | 30.2                                |
| (8) Subcontinent Asian American-owned      | 128  | \$8,670                                    | \$10,073   | 0.5   | 0.3  | 0.3                                    | 187.3                               |
| (9) Hispanic American-owned                | 413  | \$94,903                                   | \$126,484  | 6.9   | 8.2  | -1.3                                   | 84.1                                |
| (10) Native American-owned                 | 127  | \$11,131                                   | \$13,480   | 0.7   | 1.1  | -0.3                                   | 68.3                                |
| (11) Unknown MBE                           | 243  | \$13,237                                   |  |   |  |  |                                     |
| (12) DBE-certified                         | 1,254  | \$111,032                                  | \$125,273  | 6.8   |  |  |                                     |
| (13) Women-owned DBE                       | 272  | \$9,622                                    | \$10,595   | 0.6   |  |  |                                     |
| (14) Minority-owned DBE                    | 968  | \$97,858                                   | \$114,678  | 6.2   |  |  |                                     |
| (14) African American-owned DBE            | 172  | \$3,854                                    | \$4,683  | 0.3   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 169  | \$10,581                                   | \$13,721   | 0.7   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 89   | \$4,409                                    | \$6,465  | 0.4   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 80   | \$6,172                                    | \$7,256  | 0.4   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 281  | \$67,904                                   | \$83,508   | 4.5   |  |  |                                     |
| (20) Native American-owned DBE             | 124  | \$10,782                                   | \$12,766   | 0.7   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 222  | \$4,737                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 14   | \$3,552                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-70.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 152  | \$35,912                                   | \$122,986  |   |  |  |                                     |
| (2) MBE/WBE                                | 46   | \$5,107                                    | \$14,804   | 12.0  | 28.2   | -16.2                                  | 42.6                                |
| (3) WBE                                    | 19   | \$3,091                                    | \$9,252  | 7.5   | 9.2  | -1.6                                   | 82.2                                |
| (4) MBE                                    | 27   | \$2,017                                    | \$5,552  | 4.5   | 19.1   | -14.6                                  | 23.6                                |
| (5) African American-owned                 | 3  | \$238                                      | \$454  | 0.4   | 2.0  | -1.6                                   | 18.7                                |
| (6) Total Asian American-owned             | 11   | \$650                                      | \$2,720  | 2.2   | 8.7  | -6.5                                   | 25.4                                |
| (7) Asian-Pacific American-owned           | 7  | \$476                                      | \$2,337  | 1.9   | 6.3  | -4.4                                   | 30.2                                |
| (8) Subcontinent Asian American-owned      | 3  | \$155                                      | \$342  | 0.3   | 2.4  | -2.1                                   | 11.6                                |
| (9) Hispanic American-owned                | 8  | \$1,007                                    | \$2,201  | 1.8   | 7.4  | -5.6                                   | 24.2                                |
| (10) Native American-owned                 | 2  | \$93                                       | \$176  | 0.1   | 1.0  | -0.9                                   | 14.4                                |
| (11) Unknown MBE                           | 3  | \$28                                       |  |   |  |  |                                     |
| (12) DBE-certified                         | 32   | \$1,889                                    | \$6,150  | 5.0   |  |  |                                     |
| (13) Women-owned DBE                       | 10   | \$908                                      | \$2,491  | 2.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 21   | \$954                                      | \$3,659  | 3.0   |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$33                                       | \$37   | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 9  | \$584                                      | \$2,891  | 2.4   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 6  | \$429                                      | \$2,510  | 2.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 3  | \$155                                      | \$381  | 0.3   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 7  | \$284                                      | \$669  | 0.5   |  |  |                                     |
| (20) Native American-owned DBE             | 1  | \$25                                       | \$62   | 0.1   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 3  | \$28                                       |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$27                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-71.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 874  | \$1,045,993                                | \$1,391,623                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 135  | \$77,687                                   | \$97,452   | 7.0   | 14.4   | -7.4                                   | 48.5                                |
| (3) WBE                                    | 14   | \$11,137                                   | \$18,923   | 1.4   | 4.0  | -2.7                                   | 33.8                                |
| (4) MBE                                    | 121  | \$66,549                                   | \$78,529   | 5.6   | 10.4   | -4.8                                   | 54.2                                |
| (5) African American-owned                 | 11   | \$2,667                                    | \$2,965  | 0.2   | 2.1  | -1.9                                   | 10.3                                |
| (6) Total Asian American-owned             | 19   | \$6,958                                    | \$8,356  | 0.6   | 1.6  | -1.0                                   | 38.5                                |
| (7) Asian-Pacific American-owned           | 8  | \$3,928                                    | \$4,987  | 0.4   | 1.3  | -0.9                                   | 27.6                                |
| (8) Subcontinent Asian American-owned      | 11   | \$3,030                                    | \$3,370  | 0.2   | 0.3  | 0.0                                    | 93.3                                |
| (9) Hispanic American-owned                | 71   | \$41,604                                   | \$58,966   | 4.2   | 5.8  | -1.5                                   | 73.6                                |
| (10) Native American-owned                 | 19   | \$7,412                                    | \$8,242  | 0.6   | 1.0  | -0.4                                   | 57.3                                |
| (11) Unknown MBE                           | 1  | \$7,909                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 84   | \$40,448                                   | \$43,023   | 3.1   |  |  |                                     |
| (13) Women-owned DBE                       | 4  | \$1,995                                    | \$2,041  | 0.1   |  |  |                                     |
| (14) Minority-owned DBE                    | 79   | \$37,486                                   | \$40,982   | 2.9   |  |  |                                     |
| (14) African American-owned DBE            | 6  | \$1,865                                    | \$1,907  | 0.1   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 16   | \$4,414                                    | \$5,084  | 0.4   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 6  | \$1,984                                    | \$2,598  | 0.2   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 10   | \$2,430                                    | \$2,486  | 0.2   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 39   | \$23,911                                   | \$26,526   | 1.9   |  |  |                                     |
| (20) Native American-owned DBE             | 18   | \$7,296                                    | \$7,464  | 0.5   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$966                                      |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.  
Source: BBC Research and Consulting Disparity Analysis.

**Figure E-72.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 3,279  | \$353,674                                  | \$444,407  |   |  |  |                                     |
| (2) MBE/WBE                                | 1,491  | \$93,618                                   | \$111,978  | 25.2  | 31.7   | -6.5                                   | 79.5                                |
| (3) WBE                                    | 416  | \$20,474                                   | \$24,546   | 5.5   | 9.4  | -3.9                                   | 58.7                                |
| (4) MBE                                    | 1,075  | \$73,144                                   | \$87,432   | 19.7  | 22.3   | -2.6                                   | 88.3                                |
| (5) African American-owned                 | 175  | \$2,114                                    | \$2,756  | 0.6   | 2.0  | -1.4                                   | 30.9                                |
| (6) Total Asian American-owned             | 208  | \$8,684                                    | \$11,919   | 2.7   | 3.3  | -0.6                                   | 81.9                                |
| (7) Asian-Pacific American-owned           | 87   | \$2,795                                    | \$4,371  | 1.0   | 2.9  | -1.9                                   | 34.2                                |
| (8) Subcontinent Asian American-owned      | 117  | \$5,639                                    | \$6,702  | 1.5   | 0.4  | 1.1                                    | 381.3                               |
| (9) Hispanic American-owned                | 342  | \$53,299                                   | \$67,518   | 15.2  | 15.7   | -0.5                                   | 96.7                                |
| (10) Native American-owned                 | 108  | \$3,720                                    | \$5,239  | 1.2   | 1.2  | 0.0                                    | 98.0                                |
| (11) Unknown MBE                           | 242  | \$5,328                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 1,170  | \$70,585                                   | \$82,250   | 18.5  |  |  |                                     |
| (13) Women-owned DBE                       | 268  | \$7,627                                    | \$8,569  | 1.9   |  |  |                                     |
| (14) Minority-owned DBE                    | 889  | \$60,372                                   | \$73,681   | 16.6  |  |  |                                     |
| (14) African American-owned DBE            | 166  | \$1,990                                    | \$2,743  | 0.6   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 153  | \$6,167                                    | \$8,610  | 1.9   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 83   | \$2,426                                    | \$3,826  | 0.9   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 70   | \$3,741                                    | \$4,784  | 1.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 242  | \$43,993                                   | \$57,430   | 12.9  |  |  |                                     |
| (20) Native American-owned DBE             | 106  | \$3,485                                    | \$4,899  | 1.1   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 222  | \$4,737                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 13   | \$2,586                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-73.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 39   | \$26,933                                   | \$91,100   |   |  |  |                                     |
| (2) MBE/WBE                                | 2  | \$1,937                                    | \$6,255  | 6.9   | 25.4   | -18.5                                  | 27.0                                |
| (3) WBE                                    | 2  | \$1,937                                    | \$6,255  | 6.9   | 8.4  | -1.5                                   | 81.7                                |
| (4) MBE                                    | 0  | \$0  | \$0  | 0.0   | 17.0   | -17.0                                  | 0.0                                 |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.9  | -1.9                                   | 0.0                                 |
| (6) Total Asian American-owned             | 0  | \$0  | \$0  | 0.0   | 7.7  | -7.7                                   | 0.0                                 |
| (7) Asian-Pacific American-owned           | 0  | \$0  | \$0  | 0.0   | 5.7  | -5.7                                   | 0.0                                 |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 2.0  | -2.0                                   | 0.0                                 |
| (9) Hispanic American-owned                | 0  | \$0  | \$0  | 0.0   | 6.5  | -6.5                                   | 0.0                                 |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 0.9  | -0.9                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 1  | \$287                                      | \$926  | 1.0   |  |  |                                     |
| (13) Women-owned DBE                       | 1  | \$287                                      | \$926  | 1.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.  
Source: BBC Research and Consulting Disparity Analysis.



**Figure E-74.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 113  | \$8,979                                    | \$31,886   |   |  |  |                                     |
| (2) MBE/WBE                                | 44   | \$3,171                                    | \$8,549  | 26.8  | 36.4   | -9.6                                   | 73.7                                |
| (3) WBE                                    | 17   | \$1,154                                    | \$2,997  | 9.4   | 11.3   | -1.9                                   | 83.2                                |
| (4) MBE                                    | 27   | \$2,017                                    | \$5,552  | 17.4  | 25.1   | -7.7                                   | 69.4                                |
| (5) African American-owned                 | 3  | \$238                                      | \$454  | 1.4   | 2.3  | -0.8                                   | 62.8                                |
| (6) Total Asian American-owned             | 11   | \$650                                      | \$2,720  | 8.5   | 11.6   | -3.0                                   | 73.7                                |
| (7) Asian-Pacific American-owned           | 7  | \$476                                      | \$2,337  | 7.3   | 8.0  | -0.7                                   | 91.6                                |
| (8) Subcontinent Asian American-owned      | 3  | \$155                                      | \$342  | 1.1   | 3.6  | -2.5                                   | 30.1                                |
| (9) Hispanic American-owned                | 8  | \$1,007                                    | \$2,201  | 6.9   | 10.0   | -3.1                                   | 68.7                                |
| (10) Native American-owned                 | 2  | \$93                                       | \$176  | 0.6   | 1.1  | -0.6                                   | 49.1                                |
| (11) Unknown MBE                           | 3  | \$28                                       |  |   |  |  |                                     |
| (12) DBE-certified                         | 31   | \$1,602                                    | \$5,225  | 16.4  |  |  |                                     |
| (13) Women-owned DBE                       | 9  | \$621                                      | \$1,496  | 4.7   |  |  |                                     |
| (14) Minority-owned DBE                    | 21   | \$954                                      | \$3,729  | 11.7  |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$33                                       | \$38   | 0.1   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 9  | \$584                                      | \$2,947  | 9.2   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 6  | \$429                                      | \$2,558  | 8.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 3  | \$155                                      | \$388  | 1.2   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 7  | \$284                                      | \$682  | 2.1   |  |  |                                     |
| (20) Native American-owned DBE             | 1  | \$25                                       | \$63   | 0.2   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 3  | \$28                                       |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$27                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-75.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-.2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 1**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 275  | \$127,709                                  | \$157,813  |   |  |  |                                     |
| (2) MBE/WBE                                | 60   | \$12,883                                   | \$15,125   | 9.6   | 14.0   | -4.4                                   | 68.4                                |
| (3) WBE                                    | 17   | \$8,269                                    | \$9,331  | 5.9   | 4.3  | 1.6                                    | 135.9                               |
| (4) MBE                                    | 43   | \$4,613                                    | \$5,794  | 3.7   | 9.7  | -6.0                                   | 38.0                                |
| (5) African American-owned                 | 12   | \$26                                       | \$27   | 0.0   | 0.7  | -0.7                                   | 2.5                                 |
| (6) Total Asian American-owned             | 2  | \$26                                       | \$43   | 0.0   | 1.1  | -1.1                                   | 2.4                                 |
| (7) Asian-Pacific American-owned           | 1  | \$13                                       | \$14   | 0.0   | 1.0  | -1.0                                   | 0.8                                 |
| (8) Subcontinent Asian American-owned      | 1  | \$13                                       | \$29   | 0.0   | 0.1  | -0.1                                   | 21.3                                |
| (9) Hispanic American-owned                | 20   | \$4,440                                    | \$5,721  | 3.6   | 7.0  | -3.4                                   | 52.0                                |
| (10) Native American-owned                 | 1  | \$4  | \$4  | 0.0   | 0.9  | -0.9                                   | 0.3                                 |
| (11) Unknown MBE                           | 8  | \$117                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 37   | \$953                                      | \$953  | 0.6   |  |  |                                     |
| (13) Women-owned DBE                       | 11   | \$754                                      | \$754  | 0.5   |  |  |                                     |
| (14) Minority-owned DBE                    | 26   | \$199                                      | \$199  | 0.1   |  |  |                                     |
| (14) African American-owned DBE            | 12   | \$26                                       | \$44   | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 1  | \$13                                       | \$22   | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 1  | \$13                                       | \$22   | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 5  | \$75                                       | \$126  | 0.1   |  |  |                                     |
| (20) Native American-owned DBE             | 1  | \$4  | \$6  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 7  | \$81                                       |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-76.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 2**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 503  | \$109,724                                  | \$124,218  |   |  |  |                                     |
| (2) MBE/WBE                                | 113  | \$11,277                                   | \$11,509   | 9.3   | 18.7   | -9.4                                   | 49.6                                |
| (3) WBE                                    | 24   | \$2,359                                    | \$2,536  | 2.0   | 8.1  | -6.1                                   | 25.2                                |
| (4) MBE                                    | 89   | \$8,918                                    | \$8,973  | 7.2   | 10.6   | -3.4                                   | 68.2                                |
| (5) African American-owned                 | 18   | \$465                                      | \$474  | 0.4   | 0.6  | -0.2                                   | 65.5                                |
| (6) Total Asian American-owned             | 4  | \$243                                      | \$248  | 0.2   | 0.8  | -0.6                                   | 23.5                                |
| (7) Asian-Pacific American-owned           | 3  | \$75                                       | \$76   | 0.1   | 0.8  | -0.8                                   | 7.5                                 |
| (8) Subcontinent Asian American-owned      | 1  | \$168                                      | \$171  | 0.1   | 0.0  | 0.1                                    | 447.9                               |
| (9) Hispanic American-owned                | 25   | \$2,521                                    | \$2,627  | 2.1   | 7.1  | -5.0                                   | 29.9                                |
| (10) Native American-owned                 | 24   | \$5,518                                    | \$5,625  | 4.5   | 2.1  | 2.5                                    | 219.9                               |
| (11) Unknown MBE                           | 18   | \$172                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 100  | \$10,195                                   | \$10,250   | 8.3   |  |  |                                     |
| (13) Women-owned DBE                       | 13   | \$1,415                                    | \$1,416  | 1.1   |  |  |                                     |
| (14) Minority-owned DBE                    | 86   | \$8,775                                    | \$8,835  | 7.1   |  |  |                                     |
| (14) African American-owned DBE            | 17   | \$460                                      | \$469  | 0.4   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 4  | \$243                                      | \$248  | 0.2   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 3  | \$75                                       | \$76   | 0.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$168                                      | \$171  | 0.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 23   | \$2,383                                    | \$2,488  | 2.0   |  |  |                                     |
| (20) Native American-owned DBE             | 24   | \$5,518                                    | \$5,630  | 4.5   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 18   | \$172                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$5  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-77.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 3**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 377  | \$64,192                                   | \$100,043  |   |  |  |                                     |
| (2) MBE/WBE                                | 154  | \$11,479                                   | \$12,086   | 12.1  | 21.4   | -9.3                                   | 56.5                                |
| (3) WBE                                    | 50   | \$1,082                                    | \$1,412  | 1.4   | 4.7  | -3.3                                   | 30.2                                |
| (4) MBE                                    | 104  | \$10,397                                   | \$10,674   | 10.7  | 16.7   | -6.0                                   | 63.9                                |
| (5) African American-owned                 | 19   | \$149                                      | \$277  | 0.3   | 1.9  | -1.6                                   | 14.8                                |
| (6) Total Asian American-owned             | 10   | \$203                                      | \$206  | 0.2   | 2.6  | -2.4                                   | 7.8                                 |
| (7) Asian-Pacific American-owned           | 10   | \$203                                      | \$206  | 0.2   | 2.0  | -1.8                                   | 10.5                                |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 0.7  | -0.7                                   | 0.0                                 |
| (9) Hispanic American-owned                | 46   | \$7,991                                    | \$8,222  | 8.2   | 9.3  | -1.1                                   | 88.4                                |
| (10) Native American-owned                 | 16   | \$1,941                                    | \$1,969  | 2.0   | 2.9  | -0.9                                   | 67.8                                |
| (11) Unknown MBE                           | 13   | \$114                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 98   | \$9,246                                    | \$9,446  | 9.4   |  |  |                                     |
| (13) Women-owned DBE                       | 19   | \$190                                      | \$191  | 0.2   |  |  |                                     |
| (14) Minority-owned DBE                    | 78   | \$9,031                                    | \$9,255  | 9.3   |  |  |                                     |
| (14) African American-owned DBE            | 17   | \$139                                      | \$268  | 0.3   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 9  | \$32                                       | \$33   | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 9  | \$32                                       | \$33   | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 24   | \$6,814                                    | \$6,983  | 7.0   |  |  |                                     |
| (20) Native American-owned DBE             | 16   | \$1,941                                    | \$1,972  | 2.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 12   | \$104                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$25                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-78.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 4**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 433  | \$269,790                                  | \$366,925  |   |  |  |                                     |
| (2) MBE/WBE                                | 167  | \$25,433                                   | \$34,319   | 9.4   | 15.2   | -5.9                                   | 61.4                                |
| (3) WBE                                    | 65   | \$3,729                                    | \$4,864  | 1.3   | 4.6  | -3.3                                   | 28.7                                |
| (4) MBE                                    | 102  | \$21,704                                   | \$29,455   | 8.0   | 10.6   | -2.6                                   | 75.6                                |
| (5) African American-owned                 | 19   | \$1,061                                    | \$1,098  | 0.3   | 2.4  | -2.1                                   | 12.7                                |
| (6) Total Asian American-owned             | 11   | \$2,597                                    | \$4,115  | 1.1   | 1.5  | -0.3                                   | 76.3                                |
| (7) Asian-Pacific American-owned           | 8  | \$2,290                                    | \$3,097  | 0.8   | 0.9  | 0.0                                    | 95.1                                |
| (8) Subcontinent Asian American-owned      | 1  | \$78                                       | \$259  | 0.1   | 0.6  | -0.5                                   | 12.1                                |
| (9) Hispanic American-owned                | 50   | \$17,258                                   | \$23,952   | 6.5   | 6.2  | 0.4                                    | 106.0                               |
| (10) Native American-owned                 | 5  | \$146                                      | \$289  | 0.1   | 0.6  | -0.5                                   | 12.8                                |
| (11) Unknown MBE                           | 17   | \$642                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 110  | \$15,383                                   | \$19,254   | 5.2   |  |  |                                     |
| (13) Women-owned DBE                       | 35   | \$938                                      | \$1,537  | 0.4   |  |  |                                     |
| (14) Minority-owned DBE                    | 75   | \$14,445                                   | \$17,716   | 4.8   |  |  |                                     |
| (14) African American-owned DBE            | 18   | \$1,058                                    | \$1,111  | 0.3   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 7  | \$424                                      | \$1,382  | 0.4   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 6  | \$346                                      | \$1,119  | 0.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$78                                       | \$262  | 0.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 30   | \$12,224                                   | \$14,930   | 4.1   |  |  |                                     |
| (20) Native American-owned DBE             | 5  | \$146                                      | \$294  | 0.1   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 15   | \$594                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.  
Source: BBC Research and Consulting Disparity Analysis.

**Figure E-79.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 5**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 296  | \$56,830                                   | \$63,334   |   |  |  |                                     |
| (2) MBE/WBE                                | 131  | \$7,299                                    | \$11,300   | 17.8  | 22.8   | -5.0                                   | 78.3                                |
| (3) WBE                                    | 48   | \$995                                      | \$4,862  | 7.7   | 6.1  | 1.6                                    | 125.6                               |
| (4) MBE                                    | 83   | \$6,305                                    | \$6,438  | 10.2  | 16.7   | -6.5                                   | 60.9                                |
| (5) African American-owned                 | 7  | \$186                                      | \$203  | 0.3   | 1.6  | -1.3                                   | 20.0                                |
| (6) Total Asian American-owned             | 18   | \$638                                      | \$699  | 1.1   | 1.7  | -0.5                                   | 66.9                                |
| (7) Asian-Pacific American-owned           | 2  | \$33                                       | \$36   | 0.1   | 1.5  | -1.4                                   | 3.9                                 |
| (8) Subcontinent Asian American-owned      | 16   | \$605                                      | \$664  | 1.0   | 0.2  | 0.9                                    | 545.0                               |
| (9) Hispanic American-owned                | 25   | \$4,787                                    | \$5,274  | 8.3   | 11.4   | -3.1                                   | 73.1                                |
| (10) Native American-owned                 | 4  | \$132                                      | \$261  | 0.4   | 2.0  | -1.6                                   | 20.4                                |
| (11) Unknown MBE                           | 29   | \$562                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 106  | \$5,841                                    | \$6,005  | 9.5   |  |  |                                     |
| (13) Women-owned DBE                       | 41   | \$498                                      | \$529  | 0.8   |  |  |                                     |
| (14) Minority-owned DBE                    | 65   | \$5,343                                    | \$5,476  | 8.6   |  |  |                                     |
| (14) African American-owned DBE            | 6  | \$33                                       | \$36   | 0.1   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 5  | \$141                                      | \$158  | 0.2   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 2  | \$33                                       | \$36   | 0.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 3  | \$109                                      | \$121  | 0.2   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 21   | \$4,475                                    | \$5,016  | 7.9   |  |  |                                     |
| (20) Native American-owned DBE             | 4  | \$132                                      | \$266  | 0.4   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 29   | \$562                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-80.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 6**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 531  | \$109,937                                  | \$158,391  |   |  |  |                                     |
| (2) MBE/WBE                                | 252  | \$10,055                                   | \$14,827   | 9.4   | 22.3   | -13.0                                  | 42.0                                |
| (3) WBE                                    | 50   | \$1,089                                    | \$1,390  | 0.9   | 7.6  | -6.7                                   | 11.6                                |
| (4) MBE                                    | 202  | \$8,966                                    | \$13,437   | 8.5   | 14.8   | -6.3                                   | 57.5                                |
| (5) African American-owned                 | 16   | \$62                                       | \$71   | 0.0   | 2.0  | -2.0                                   | 2.2                                 |
| (6) Total Asian American-owned             | 34   | \$2,258                                    | \$2,611  | 1.6   | 2.1  | -0.4                                   | 78.6                                |
| (7) Asian-Pacific American-owned           | 11   | \$1,184                                    | \$1,365  | 0.9   | 1.8  | -1.0                                   | 46.9                                |
| (8) Subcontinent Asian American-owned      | 23   | \$1,074                                    | \$1,246  | 0.8   | 0.3  | 0.5                                    | 300.4                               |
| (9) Hispanic American-owned                | 50   | \$3,673                                    | \$8,913  | 5.6   | 8.6  | -3.0                                   | 65.2                                |
| (10) Native American-owned                 | 41   | \$1,306                                    | \$1,842  | 1.2   | 2.0  | -0.8                                   | 58.7                                |
| (11) Unknown MBE                           | 61   | \$1,667                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 198  | \$7,223                                    | \$8,902  | 5.6   |  |  |                                     |
| (13) Women-owned DBE                       | 37   | \$810                                      | \$810  | 0.5   |  |  |                                     |
| (14) Minority-owned DBE                    | 161  | \$6,413                                    | \$8,092  | 5.1   |  |  |                                     |
| (14) African American-owned DBE            | 15   | \$59                                       | \$70   | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 20   | \$1,670                                    | \$2,002  | 1.3   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 11   | \$1,184                                    | \$1,419  | 0.9   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 9  | \$486                                      | \$583  | 0.4   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 36   | \$2,418                                    | \$4,841  | 3.1   |  |  |                                     |
| (20) Native American-owned DBE             | 39   | \$963                                      | \$1,179  | 0.7   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 51   | \$1,304                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-81.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 7**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 513  | \$133,915                                  | \$300,522  |   |  |  |                                     |
| (2) MBE/WBE                                | 202  | \$25,257                                   | \$32,253   | 10.7  | 21.6   | -10.9                                  | 49.7                                |
| (3) WBE                                    | 36   | \$5,459                                    | \$5,570  | 1.9   | 5.8  | -3.9                                   | 32.1                                |
| (4) MBE                                    | 166  | \$19,799                                   | \$26,683   | 8.9   | 15.8   | -6.9                                   | 56.1                                |
| (5) African American-owned                 | 26   | \$1,679                                    | \$1,922  | 0.6   | 2.4  | -1.7                                   | 26.9                                |
| (6) Total Asian American-owned             | 53   | \$4,891                                    | \$5,971  | 2.0   | 3.2  | -1.2                                   | 62.5                                |
| (7) Asian-Pacific American-owned           | 25   | \$1,559                                    | \$2,155  | 0.7   | 2.8  | -2.0                                   | 26.0                                |
| (8) Subcontinent Asian American-owned      | 26   | \$3,312                                    | \$3,793  | 1.3   | 0.4  | 0.8                                    | 300.0                               |
| (9) Hispanic American-owned                | 57   | \$12,434                                   | \$17,917   | 6.0   | 9.6  | -3.7                                   | 61.9                                |
| (10) Native American-owned                 | 9  | \$303                                      | \$872  | 0.3   | 0.6  | -0.3                                   | 47.5                                |
| (11) Unknown MBE                           | 21   | \$492                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 165  | \$17,099                                   | \$23,816   | 7.9   |  |  |                                     |
| (13) Women-owned DBE                       | 24   | \$351                                      | \$394  | 0.1   |  |  |                                     |
| (14) Minority-owned DBE                    | 137  | \$16,680                                   | \$23,422   | 7.8   |  |  |                                     |
| (14) African American-owned DBE            | 22   | \$1,102                                    | \$1,292  | 0.4   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 43   | \$3,989                                    | \$5,057  | 1.7   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 25   | \$1,559                                    | \$2,207  | 0.7   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 18   | \$2,430                                    | \$2,850  | 0.9   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 43   | \$10,801                                   | \$16,187   | 5.4   |  |  |                                     |
| (20) Native American-owned DBE             | 8  | \$296                                      | \$886  | 0.3   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 21   | \$492                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 4  | \$68                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.  
Source: BBC Research and Consulting Disparity Analysis.



**Figure E-82.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 8**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 256  | \$49,796                                   | \$55,142   |   |  |  |                                     |
| (2) MBE/WBE                                | 107  | \$3,265                                    | \$3,504  | 6.4   | 26.8   | -20.5                                  | 23.7                                |
| (3) WBE                                    | 18   | \$197                                      | \$197  | 0.4   | 6.0  | -5.6                                   | 6.0                                 |
| (4) MBE                                    | 89   | \$3,068                                    | \$3,307  | 6.0   | 20.8   | -14.8                                  | 28.8                                |
| (5) African American-owned                 | 13   | \$203                                      | \$211  | 0.4   | 1.3  | -0.9                                   | 29.6                                |
| (6) Total Asian American-owned             | 33   | \$492                                      | \$513  | 0.9   | 2.3  | -1.3                                   | 41.0                                |
| (7) Asian-Pacific American-owned           | 7  | \$69                                       | \$72   | 0.1   | 2.2  | -2.0                                   | 6.1                                 |
| (8) Subcontinent Asian American-owned      | 26   | \$423                                      | \$441  | 0.8   | 0.1  | 0.7                                    | 697.6                               |
| (9) Hispanic American-owned                | 29   | \$2,216                                    | \$2,500  | 4.5   | 16.4   | -11.8                                  | 27.7                                |
| (10) Native American-owned                 | 6  | \$80                                       | \$83   | 0.2   | 0.9  | -0.7                                   | 17.2                                |
| (11) Unknown MBE                           | 8  | \$77                                       |  |   |  |  |                                     |
| (12) DBE-certified                         | 96   | \$2,340                                    | \$2,393  | 4.3   |  |  |                                     |
| (13) Women-owned DBE                       | 15   | \$156                                      | \$158  | 0.3   |  |  |                                     |
| (14) Minority-owned DBE                    | 79   | \$2,146                                    | \$2,234  | 4.1   |  |  |                                     |
| (14) African American-owned DBE            | 12   | \$92                                       | \$99   | 0.2   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 30   | \$424                                      | \$457  | 0.8   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 7  | \$69                                       | \$74   | 0.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 23   | \$355                                      | \$382  | 0.7   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 24   | \$1,478                                    | \$1,593  | 2.9   |  |  |                                     |
| (20) Native American-owned DBE             | 6  | \$80                                       | \$86   | 0.2   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 7  | \$73                                       |  |   |  |  |                                     |
| (23) Unknown DBE                           | 2  | \$37                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-83.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 9**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 112  | \$32,288                                   | \$36,765   |   |  |  |                                     |
| (2) MBE/WBE                                | 58   | \$4,645                                    | \$4,786  | 13.0  | 23.8   | -10.8                                  | 54.7                                |
| (3) WBE                                    | 8  | \$244                                      | \$244  | 0.7   | 6.6  | -6.0                                   | 10.0                                |
| (4) MBE                                    | 50   | \$4,400                                    | \$4,542  | 12.4  | 17.2   | -4.8                                   | 72.0                                |
| (5) African American-owned                 | 8  | \$111                                      | \$119  | 0.3   | 1.9  | -1.5                                   | 17.5                                |
| (6) Total Asian American-owned             | 10   | \$503                                      | \$538  | 1.5   | 2.3  | -0.8                                   | 65.0                                |
| (7) Asian-Pacific American-owned           | 0  | \$0  | \$0  | 0.0   | 2.1  | -2.1                                   | 0.0                                 |
| (8) Subcontinent Asian American-owned      | 10   | \$503                                      | \$538  | 1.5   | 0.1  | 1.3                                    | 997.9                               |
| (9) Hispanic American-owned                | 12   | \$2,697                                    | \$2,920  | 7.9   | 9.4  | -1.5                                   | 84.4                                |
| (10) Native American-owned                 | 11   | \$902                                      | \$965  | 2.6   | 3.6  | -1.0                                   | 72.2                                |
| (11) Unknown MBE                           | 9  | \$187                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 48   | \$3,955                                    | \$4,096  | 11.1  |  |  |                                     |
| (13) Women-owned DBE                       | 7  | \$241                                      | \$241  | 0.7   |  |  |                                     |
| (14) Minority-owned DBE                    | 41   | \$3,714                                    | \$3,855  | 10.5  |  |  |                                     |
| (14) African American-owned DBE            | 7  | \$93                                       | \$101  | 0.3   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 4  | \$268                                      | \$290  | 0.8   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 4  | \$268                                      | \$290  | 0.8   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 10   | \$2,264                                    | \$2,487  | 6.8   |  |  |                                     |
| (20) Native American-owned DBE             | 11   | \$902                                      | \$977  | 2.7   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 9  | \$187                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-84.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 10**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 249  | \$37,223                                   | \$54,773   |   |  |  |                                     |
| (2) MBE/WBE                                | 120  | \$6,483                                    | \$7,831  | 14.3  | 23.0   | -8.7                                   | 62.3                                |
| (3) WBE                                    | 39   | \$1,578                                    | \$2,503  | 4.6   | 8.7  | -4.1                                   | 52.5                                |
| (4) MBE                                    | 81   | \$4,905                                    | \$5,328  | 9.7   | 14.3   | -4.5                                   | 68.2                                |
| (5) African American-owned                 | 13   | \$337                                      | \$629  | 1.1   | 2.0  | -0.9                                   | 57.1                                |
| (6) Total Asian American-owned             | 4  | \$133                                      | \$147  | 0.3   | 1.6  | -1.3                                   | 16.7                                |
| (7) Asian-Pacific American-owned           | 3  | \$53                                       | \$59   | 0.1   | 1.4  | -1.3                                   | 7.4                                 |
| (8) Subcontinent Asian American-owned      | 1  | \$80                                       | \$89   | 0.2   | 0.2  | 0.0                                    | 97.7                                |
| (9) Hispanic American-owned                | 35   | \$3,305                                    | \$3,709  | 6.8   | 9.0  | -2.2                                   | 75.1                                |
| (10) Native American-owned                 | 7  | \$762                                      | \$844  | 1.5   | 1.6  | -0.1                                   | 95.0                                |
| (11) Unknown MBE                           | 22   | \$368                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 77   | \$3,818                                    | \$4,242  | 7.7   |  |  |                                     |
| (13) Women-owned DBE                       | 16   | \$660                                      | \$660  | 1.2   |  |  |                                     |
| (14) Minority-owned DBE                    | 61   | \$3,158                                    | \$3,581  | 6.5   |  |  |                                     |
| (14) African American-owned DBE            | 11   | \$291                                      | \$590  | 1.1   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 2  | \$48                                       | \$55   | 0.1   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 2  | \$48                                       | \$55   | 0.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 22   | \$1,797                                    | \$2,078  | 3.8   |  |  |                                     |
| (20) Native American-owned DBE             | 7  | \$762                                      | \$860  | 1.6   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 19   | \$259                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-85.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 11**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 340  | \$145,293                                  | \$145,293  |   |  |  |                                     |
| (2) MBE/WBE                                | 159  | \$19,404                                   | \$19,404   | 13.4  | 19.3   | -5.9                                   | 69.2                                |
| (3) WBE                                    | 57   | \$2,775                                    | \$2,775  | 1.9   | 5.3  | -3.4                                   | 36.3                                |
| (4) MBE                                    | 102  | \$16,628                                   | \$16,628   | 11.4  | 14.0   | -2.6                                   | 81.6                                |
| (5) African American-owned                 | 21   | \$224                                      | \$479  | 0.3   | 2.6  | -2.2                                   | 12.8                                |
| (6) Total Asian American-owned             | 13   | \$644                                      | \$1,374  | 0.9   | 3.3  | -2.3                                   | 28.7                                |
| (7) Asian-Pacific American-owned           | 3  | \$45                                       | \$95   | 0.1   | 3.2  | -3.1                                   | 2.0                                 |
| (8) Subcontinent Asian American-owned      | 10   | \$599                                      | \$1,279  | 0.9   | 0.1  | 0.8                                    | 939.6                               |
| (9) Hispanic American-owned                | 31   | \$6,907                                    | \$14,739   | 10.1  | 7.5  | 2.6                                    | 134.8                               |
| (10) Native American-owned                 | 1  | \$17                                       | \$37   | 0.0   | 0.6  | -0.6                                   | 4.0                                 |
| (11) Unknown MBE                           | 36   | \$8,836                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 129  | \$8,801                                    | \$8,801  | 6.1   |  |  |                                     |
| (13) Women-owned DBE                       | 41   | \$1,690                                    | \$2,317  | 1.6   |  |  |                                     |
| (14) Minority-owned DBE                    | 86   | \$4,731                                    | \$6,485  | 4.5   |  |  |                                     |
| (14) African American-owned DBE            | 21   | \$224                                      | \$380  | 0.3   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 11   | \$508                                      | \$861  | 0.6   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 3  | \$45                                       | \$76   | 0.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 8  | \$463                                      | \$785  | 0.5   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 20   | \$3,077                                    | \$5,215  | 3.6   |  |  |                                     |
| (20) Native American-owned DBE             | 1  | \$17                                       | \$29   | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 33   | \$905                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 2  | \$2,381                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-86.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 12**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 268  | \$262,970                                  | \$272,812  |   |  |  |                                     |
| (2) MBE/WBE                                | 103  | \$33,825                                   | \$42,485   | 15.6  | 15.1   | 0.4                                    | 103.0                               |
| (3) WBE                                    | 18   | \$3,835                                    | \$7,784  | 2.9   | 3.0  | -0.2                                   | 94.3                                |
| (4) MBE                                    | 85   | \$29,991                                   | \$34,701   | 12.7  | 12.1   | 0.6                                    | 105.1                               |
| (5) African American-owned                 | 14   | \$278                                      | \$278  | 0.1   | 2.9  | -2.8                                   | 3.6                                 |
| (6) Total Asian American-owned             | 35   | \$3,014                                    | \$3,848  | 1.4   | 1.4  | 0.0                                    | 102.6                               |
| (7) Asian-Pacific American-owned           | 22   | \$1,200                                    | \$1,841  | 0.7   | 1.3  | -0.6                                   | 53.1                                |
| (8) Subcontinent Asian American-owned      | 13   | \$1,814                                    | \$2,007  | 0.7   | 0.1  | 0.6                                    | 708.2                               |
| (9) Hispanic American-owned                | 33   | \$26,674                                   | \$30,553   | 11.2  | 7.5  | 3.7                                    | 148.4                               |
| (10) Native American-owned                 | 2  | \$21                                       | \$21   | 0.0   | 0.3  | -0.3                                   | 2.5                                 |
| (11) Unknown MBE                           | 1  | \$3  |  |   |  |  |                                     |
| (12) DBE-certified                         | 90   | \$26,178                                   | \$27,115   | 9.9   |  |  |                                     |
| (13) Women-owned DBE                       | 13   | \$1,919                                    | \$1,995  | 0.7   |  |  |                                     |
| (14) Minority-owned DBE                    | 73   | \$23,223                                   | \$25,120   | 9.2   |  |  |                                     |
| (14) African American-owned DBE            | 14   | \$278                                      | \$289  | 0.1   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 33   | \$2,820                                    | \$3,511  | 1.3   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 20   | \$1,006                                    | \$1,424  | 0.5   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 13   | \$1,814                                    | \$2,087  | 0.8   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 23   | \$20,100                                   | \$21,298   | 7.8   |  |  |                                     |
| (20) Native American-owned DBE             | 2  | \$21                                       | \$22   | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 1  | \$3  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 4  | \$1,036                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-87.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: North Region**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 22   | \$2,948                                    | \$8,890  |   |  |  |                                     |
| (2) MBE/WBE                                | 8  | \$2,140                                    | \$6,813  | 76.6  | 25.9   | 50.7                                   | 295.8                               |
| (3) WBE                                    | 3  | \$1,939                                    | \$6,257  | 70.4  | 6.0  | 64.4                                   | 1,172.0                             |
| (4) MBE                                    | 5  | \$201                                      | \$556  | 6.3   | 19.9   | -13.7                                  | 31.4                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.2  | -2.2                                   | 0.0                                 |
| (6) Total Asian American-owned             | 3  | \$138                                      | \$447  | 5.0   | 8.9  | -3.9                                   | 56.3                                |
| (7) Asian-Pacific American-owned           | 3  | \$138                                      | \$447  | 5.0   | 7.2  | -2.1                                   | 70.1                                |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 1.8  | -1.8                                   | 0.0                                 |
| (9) Hispanic American-owned                | 2  | \$63                                       | \$109  | 1.2   | 7.3  | -6.1                                   | 16.8                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.5  | -1.5                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 7  | \$490                                      | \$1,484  | 16.7  |  |  |                                     |
| (13) Women-owned DBE                       | 2  | \$289                                      | \$928  | 10.4  |  |  |                                     |
| (14) Minority-owned DBE                    | 5  | \$201                                      | \$556  | 6.3   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 3  | \$138                                      | \$447  | 5.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 3  | \$138                                      | \$447  | 5.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 2  | \$63                                       | \$109  | 1.2   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-88.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 4**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 46   | \$8,995                                    | \$35,720   |   |  |  |                                     |
| (2) MBE/WBE                                | 14   | \$1,003                                    | \$2,134  | 6.0   | 30.8   | -24.8                                  | 19.4                                |
| (3) WBE                                    | 7  | \$558                                      | \$1,251  | 3.5   | 10.6   | -7.1                                   | 32.9                                |
| (4) MBE                                    | 7  | \$445                                      | \$883  | 2.5   | 20.1   | -17.7                                  | 12.3                                |
| (5) African American-owned                 | 1  | \$75                                       | \$132  | 0.4   | 1.9  | -1.6                                   | 19.0                                |
| (6) Total Asian American-owned             | 5  | \$302                                      | \$632  | 1.8   | 9.6  | -7.9                                   | 18.4                                |
| (7) Asian-Pacific American-owned           | 3  | \$279                                      | \$584  | 1.6   | 6.3  | -4.6                                   | 26.1                                |
| (8) Subcontinent Asian American-owned      | 1  | \$4  | \$7  | 0.0   | 3.4  | -3.3                                   | 0.6                                 |
| (9) Hispanic American-owned                | 0  | \$0  | \$0  | 0.0   | 7.5  | -7.5                                   | 0.0                                 |
| (10) Native American-owned                 | 1  | \$68                                       | \$119  | 0.3   | 1.0  | -0.7                                   | 32.7                                |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 7  | \$652                                      | \$1,783  | 5.0   |  |  |                                     |
| (13) Women-owned DBE                       | 3  | \$389                                      | \$1,025  | 2.9   |  |  |                                     |
| (14) Minority-owned DBE                    | 3  | \$235                                      | \$758  | 2.1   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 3  | \$235                                      | \$758  | 2.1   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 2  | \$231                                      | \$748  | 2.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$4  | \$10   | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$27                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-89.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: Central Region**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 25   | \$1,873                                    | \$11,288   |   |  |  |                                     |
| (2) MBE/WBE                                | 4  | \$120                                      | \$317  | 2.8   | 28.6   | -25.8                                  | 9.8                                 |
| (3) WBE                                    | 3  | \$52                                       | \$168  | 1.5   | 12.0   | -10.5                                  | 12.4                                |
| (4) MBE                                    | 1  | \$68                                       | \$149  | 1.3   | 16.6   | -15.3                                  | 7.9                                 |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.9  | -1.9                                   | 0.0                                 |
| (6) Total Asian American-owned             | 0  | \$0  | \$0  | 0.0   | 4.5  | -4.5                                   | 0.0                                 |
| (7) Asian-Pacific American-owned           | 0  | \$0  | \$0  | 0.0   | 3.8  | -3.8                                   | 0.0                                 |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 0.8  | -0.8                                   | 0.0                                 |
| (9) Hispanic American-owned                | 1  | \$68                                       | \$149  | 1.3   | 8.8  | -7.5                                   | 14.9                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.4  | -1.4                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 2  | \$75                                       | \$171  | 1.5   |  |  |                                     |
| (13) Women-owned DBE                       | 1  | \$7  | \$22   | 0.2   |  |  |                                     |
| (14) Minority-owned DBE                    | 1  | \$68                                       | \$149  | 1.3   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 1  | \$68                                       | \$149  | 1.3   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.



**Figure E-90.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 7**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 18   | \$6,105                                    | \$29,160   |   |  |  |                                     |
| (2) MBE/WBE                                | 6  | \$385                                      | \$2,083  | 7.1   | 31.5   | -24.4                                  | 22.6                                |
| (3) WBE                                    | 2  | \$22                                       | \$175  | 0.6   | 9.3  | -8.7                                   | 6.5                                 |
| (4) MBE                                    | 4  | \$363                                      | \$1,907  | 6.5   | 22.3   | -15.7                                  | 29.4                                |
| (5) African American-owned                 | 2  | \$163                                      | \$317  | 1.1   | 2.1  | -1.0                                   | 51.6                                |
| (6) Total Asian American-owned             | 2  | \$200                                      | \$1,590  | 5.5   | 13.5   | -8.0                                   | 40.4                                |
| (7) Asian-Pacific American-owned           | 1  | \$59                                       | \$1,280  | 4.4   | 9.6  | -5.2                                   | 45.6                                |
| (8) Subcontinent Asian American-owned      | 1  | \$142                                      | \$310  | 1.1   | 3.9  | -2.8                                   | 27.4                                |
| (9) Hispanic American-owned                | 0  | \$0  | \$0  | 0.0   | 5.4  | -5.4                                   | 0.0                                 |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.3  | -1.3                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 5  | \$255                                      | \$1,798  | 6.2   |  |  |                                     |
| (13) Women-owned DBE                       | 2  | \$22                                       | \$175  | 0.6   |  |  |                                     |
| (14) Minority-owned DBE                    | 3  | \$233                                      | \$1,623  | 5.6   |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$33                                       | \$33   | 0.1   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 2  | \$200                                      | \$1,590  | 5.5   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 1  | \$59                                       | \$1,280  | 4.4   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$142                                      | \$310  | 1.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-91.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 8**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 11   | \$9,072                                    | \$19,868   |   |  |  |                                     |
| (2) MBE/WBE                                | 5  | \$865                                      | \$1,893  | 9.5   | 19.6   | -10.0                                  | 48.7                                |
| (3) WBE                                    | 1  | \$70                                       | \$152  | 0.8   | 5.7  | -5.0                                   | 13.4                                |
| (4) MBE                                    | 4  | \$795                                      | \$1,741  | 8.8   | 13.8   | -5.1                                   | 63.4                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.9  | -1.9                                   | 0.0                                 |
| (6) Total Asian American-owned             | 1  | \$9  | \$21   | 0.1   | 2.1  | -2.0                                   | 5.0                                 |
| (7) Asian-Pacific American-owned           | 0  | \$0  | \$0  | 0.0   | 2.0  | -2.0                                   | 0.0                                 |
| (8) Subcontinent Asian American-owned      | 1  | \$9  | \$21   | 0.1   | 0.0  | 0.1                                    | 231.8                               |
| (9) Hispanic American-owned                | 2  | \$783                                      | \$1,720  | 8.7   | 9.7  | -1.1                                   | 89.0                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 0.1  | -0.1                                   | 0.0                                 |
| (11) Unknown MBE                           | 1  | \$2  |  |   |  |  |                                     |
| (12) DBE-certified                         | 3  | \$72                                       | \$158  | 0.8   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 3  | \$72                                       | \$158  | 0.8   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 1  | \$9  | \$21   | 0.1   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$9  | \$21   | 0.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 1  | \$60                                       | \$137  | 0.7   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 1  | \$2  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-92.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 11**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 18   | \$1,367                                    | \$2,840  |   |  |  |                                     |
| (2) MBE/WBE                                | 7  | \$320                                      | \$701  | 24.7  | 33.8   | -9.1                                   | 73.0                                |
| (3) WBE                                    | 2  | \$201                                      | \$441  | 15.5  | 18.2   | -2.7                                   | 85.4                                |
| (4) MBE                                    | 5  | \$119                                      | \$260  | 9.2   | 15.6   | -6.5                                   | 58.7                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 0.5  | -0.5                                   | 0.0                                 |
| (6) Total Asian American-owned             | 0  | \$0  | \$0  | 0.0   | 8.4  | -8.4                                   | 0.0                                 |
| (7) Asian-Pacific American-owned           | 0  | \$0  | \$0  | 0.0   | 7.7  | -7.7                                   | 0.0                                 |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 0.7  | -0.7                                   | 0.0                                 |
| (9) Hispanic American-owned                | 3  | \$93                                       | \$260  | 9.2   | 6.4  | 2.8                                    | 143.8                               |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 0.3  | -0.3                                   | 0.0                                 |
| (11) Unknown MBE                           | 2  | \$26                                       |  |   |  |  |                                     |
| (12) DBE-certified                         | 7  | \$320                                      | \$701  | 24.7  |  |  |                                     |
| (13) Women-owned DBE                       | 2  | \$201                                      | \$441  | 15.5  |  |  |                                     |
| (14) Minority-owned DBE                    | 5  | \$119                                      | \$260  | 9.2   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 3  | \$93                                       | \$260  | 9.2   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 2  | \$26                                       |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-93.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: District 12**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 12   | \$5,553                                    | \$15,219   |   |  |  |                                     |
| (2) MBE/WBE                                | 2  | \$275                                      | \$862  | 5.7   | 27.4   | -21.7                                  | 20.7                                |
| (3) WBE                                    | 1  | \$250                                      | \$808  | 5.3   | 7.9  | -2.6                                   | 66.9                                |
| (4) MBE                                    | 1  | \$25                                       | \$55   | 0.4   | 19.4   | -19.1                                  | 1.9                                 |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.1  | -2.1                                   | 0.0                                 |
| (6) Total Asian American-owned             | 0  | \$0  | \$0  | 0.0   | 9.0  | -9.0                                   | 0.0                                 |
| (7) Asian-Pacific American-owned           | 0  | \$0  | \$0  | 0.0   | 6.7  | -6.7                                   | 0.0                                 |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 2.3  | -2.3                                   | 0.0                                 |
| (9) Hispanic American-owned                | 0  | \$0  | \$0  | 0.0   | 7.1  | -7.1                                   | 0.0                                 |
| (10) Native American-owned                 | 1  | \$25                                       | \$55   | 0.4   | 1.1  | -0.7                                   | 33.3                                |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 1  | \$25                                       | \$55   | 0.4   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 1  | \$25                                       | \$55   | 0.4   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (20) Native American-owned DBE             | 1  | \$25                                       | \$55   | 0.4   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.  
Source: BBC Research and Consulting Disparity Analysis.

**Figure E-94.**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction and Engineering**  
**Time Period: 2002**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 1,647  | \$1,080,896                                | \$1,540,680                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 709  | \$167,648                                  | \$258,487  | 16.8  | 18.2   | -1.4                                   | 92.1                                |
| (3) WBE                                    | 177  | \$63,366                                   | \$107,005  | 6.9   | 5.6  | 1.3                                    | 123.2                               |
| (4) MBE                                    | 533  | \$104,346                                  | \$151,546  | 9.8   | 12.6   | -2.7                                   | 78.2                                |
| (5) African American-owned                 | 31   | \$6,026                                    | \$9,264  | 0.6   | 2.3  | -1.7                                   | 25.8                                |
| (6) Total Asian American-owned             | 99   | \$15,697                                   | \$36,662   | 2.4   | 2.4  | 0.0                                    | 100.9                               |
| (7) Asian-Pacific American-owned           | 54   | \$4,713                                    | \$16,079   | 1.0   | 2.0  | -0.9                                   | 52.5                                |
| (8) Subcontinent Asian American-owned      | 42   | \$10,962                                   | \$20,519   | 1.3   | 0.4  | 1.0                                    | 360.1                               |
| (9) Hispanic American-owned                | 243  | \$73,080                                   | \$98,415   | 6.4   | 7.2  | -0.8                                   | 88.4                                |
| (10) Native American-owned                 | 51   | \$4,240                                    | \$7,206  | 0.5   | 0.7  | -0.2                                   | 71.2                                |
| (11) Unknown MBE                           | 109  | \$5,302                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 567  | \$103,882                                  | \$146,498  | 9.5   |  |  |                                     |
| (13) Women-owned DBE                       | 97   | \$9,061                                    | \$11,489   | 0.7   |  |  |                                     |
| (14) Minority-owned DBE                    | 460  | \$91,473                                   | \$134,879  | 8.8   |  |  |                                     |
| (14) African American-owned DBE            | 30   | \$5,549                                    | \$8,691  | 0.6   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 86   | \$13,579                                   | \$34,839   | 2.3   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 50   | \$4,344                                    | \$15,951   | 1.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 33   | \$9,213                                    | \$18,823   | 1.2   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 191  | \$63,092                                   | \$83,944   | 5.4   |  |  |                                     |
| (20) Native American-owned DBE             | 51   | \$4,240                                    | \$7,340  | 0.5   |  |  |                                     |
| (21) White male-owned DBE                  | 1  | \$65                                       | \$194  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 101  | \$4,948                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 10   | \$3,346                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-95.**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction and Engineering**  
**Time Period: 2003**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 1,430  | \$1,233,685                                | \$1,528,491                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 569  | \$196,431                                  | \$240,702  | 15.7  | 18.4   | -2.6                                   | 85.7                                |
| (3) WBE                                    | 155  | \$104,726                                  | \$106,780  | 7.0   | 5.5  | 1.5                                    | 127.0                               |
| (4) MBE                                    | 415  | \$91,884                                   | \$134,101  | 8.8   | 12.9   | -4.1                                   | 68.1                                |
| (5) African American-owned                 | 20   | \$1,728                                    | \$2,196  | 0.1   | 2.4  | -2.2                                   | 6.0                                 |
| (6) Total Asian American-owned             | 80   | \$11,472                                   | \$14,157   | 0.9   | 2.3  | -1.4                                   | 40.5                                |
| (7) Asian-Pacific American-owned           | 30   | \$3,220                                    | \$3,760  | 0.2   | 1.4  | -1.1                                   | 17.7                                |
| (8) Subcontinent Asian American-owned      | 48   | \$8,177                                    | \$10,317   | 0.7   | 0.9  | -0.2                                   | 74.8                                |
| (9) Hispanic American-owned                | 187  | \$68,968                                   | \$111,909  | 7.3   | 7.7  | -0.3                                   | 95.7                                |
| (10) Native American-owned                 | 41   | \$5,510                                    | \$5,839  | 0.4   | 0.5  | -0.1                                   | 72.2                                |
| (11) Unknown MBE                           | 87   | \$4,206                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 449  | \$99,155                                   | \$135,570  | 8.9   |  |  |                                     |
| (13) Women-owned DBE                       | 95   | \$17,974                                   | \$19,197   | 1.3   |  |  |                                     |
| (14) Minority-owned DBE                    | 352  | \$81,229                                   | \$116,405  | 7.6   |  |  |                                     |
| (14) African American-owned DBE            | 18   | \$1,429                                    | \$1,887  | 0.1   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 56   | \$7,301                                    | \$8,538  | 0.6   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 24   | \$2,964                                    | \$3,334  | 0.2   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 32   | \$4,337                                    | \$5,204  | 0.3   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 156  | \$63,381                                   | \$100,279  | 6.6   |  |  |                                     |
| (20) Native American-owned DBE             | 37   | \$5,193                                    | \$5,523  | 0.4   |  |  |                                     |
| (21) White male-owned DBE                  | 1  | \$13                                       | \$146  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 84   | \$3,746                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 2  | \$117                                      |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-96.**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction and Engineering**  
**Time Period: 2004**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 1,603  | \$1,876,149                                | \$2,854,290                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 660  | \$233,676                                  | \$382,658  | 13.4  | 15.2   | -1.8                                   | 88.0                                |
| (3) WBE                                    | 180  | \$77,515                                   | \$107,903  | 3.8   | 3.7  | 0.1                                    | 102.9                               |
| (4) MBE                                    | 480  | \$156,162                                  | \$274,755  | 9.6   | 11.6   | -1.9                                   | 83.2                                |
| (5) African American-owned                 | 23   | \$5,931                                    | \$7,762  | 0.3   | 2.5  | -2.2                                   | 11.0                                |
| (6) Total Asian American-owned             | 109  | \$39,053                                   | \$85,863   | 3.0   | 1.6  | 1.4                                    | 189.9                               |
| (7) Asian-Pacific American-owned           | 62   | \$32,442                                   | \$60,152   | 2.1   | 1.1  | 1.0                                    | 196.4                               |
| (8) Subcontinent Asian American-owned      | 39   | \$5,431                                    | \$23,088   | 0.8   | 0.5  | 0.3                                    | 158.2                               |
| (9) Hispanic American-owned                | 201  | \$99,894                                   | \$157,568  | 5.5   | 6.8  | -1.3                                   | 81.1                                |
| (10) Native American-owned                 | 61   | \$6,230                                    | \$23,561   | 0.8   | 0.7  | 0.1                                    | 117.6                               |
| (11) Unknown MBE                           | 86   | \$5,054                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 471  | \$140,116                                  | \$225,536  | 7.9   |  |  |                                     |
| (13) Women-owned DBE                       | 97   | \$16,490                                   | \$21,362   | 0.7   |  |  |                                     |
| (14) Minority-owned DBE                    | 370  | \$123,562                                  | \$204,174  | 7.2   |  |  |                                     |
| (14) African American-owned DBE            | 21   | \$4,720                                    | \$6,153  | 0.2   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 75   | \$31,118                                   | \$54,147   | 1.9   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 51   | \$27,248                                   | \$47,847   | 1.7   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 24   | \$3,870                                    | \$6,300  | 0.2   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 143  | \$77,783                                   | \$120,709  | 4.2   |  |  |                                     |
| (20) Native American-owned DBE             | 59   | \$5,831                                    | \$23,166   | 0.8   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 72   | \$4,111                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 4  | \$64                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-97.**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction and Engineering**  
**Time Period: 2005**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 1,663  | \$1,189,649                                | \$1,590,987                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 719  | \$152,797                                  | \$204,239  | 12.8  | 17.9   | -5.0                                   | 71.9                                |
| (3) WBE                                    | 182  | \$36,137                                   | \$52,055   | 3.3   | 5.0  | -1.7                                   | 65.7                                |
| (4) MBE                                    | 538  | \$116,678                                  | \$152,201  | 9.6   | 12.9   | -3.3                                   | 74.2                                |
| (5) African American-owned                 | 30   | \$5,612                                    | \$6,738  | 0.4   | 2.2  | -1.8                                   | 19.4                                |
| (6) Total Asian American-owned             | 129  | \$22,860                                   | \$30,797   | 1.9   | 2.0  | -0.1                                   | 95.3                                |
| (7) Asian-Pacific American-owned           | 78   | \$13,112                                   | \$17,688   | 1.1   | 1.7  | -0.6                                   | 66.8                                |
| (8) Subcontinent Asian American-owned      | 49   | \$9,637                                    | \$12,950   | 0.8   | 0.4  | 0.4                                    | 222.7                               |
| (9) Hispanic American-owned                | 216  | \$79,026                                   | \$103,328  | 6.5   | 7.7  | -1.2                                   | 84.3                                |
| (10) Native American-owned                 | 50   | \$4,085                                    | \$11,339   | 0.7   | 1.0  | -0.2                                   | 74.8                                |
| (11) Unknown MBE                           | 113  | \$5,094                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 597  | \$104,102                                  | \$136,693  | 8.6   |  |  |                                     |
| (13) Women-owned DBE                       | 132  | \$10,990                                   | \$12,392   | 0.8   |  |  |                                     |
| (14) Minority-owned DBE                    | 465  | \$93,123                                   | \$124,318  | 7.8   |  |  |                                     |
| (14) African American-owned DBE            | 26   | \$2,159                                    | \$3,066  | 0.2   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 108  | \$19,510                                   | \$26,658   | 1.7   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 71   | \$12,132                                   | \$16,188   | 1.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 37   | \$7,378                                    | \$10,471   | 0.7   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 172  | \$63,040                                   | \$83,137   | 5.2   |  |  |                                     |
| (20) Native American-owned DBE             | 49   | \$4,081                                    | \$11,440   | 0.7   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 109  | \$4,315                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$7  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.



**Figure E-98.**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction and Engineering**  
**Time Period: Jan-Apr 2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 330  | \$502,224                                  | \$701,675  |   |  |  |                                     |
| (2) MBE/WBE                                | 123  | \$80,861                                   | \$119,338  | 17.0  | 23.6   | -6.6                                   | 72.1                                |
| (3) WBE                                    | 37   | \$24,023                                   | \$24,972   | 3.6   | 4.1  | -0.6                                   | 86.4                                |
| (4) MBE                                    | 86   | \$56,838                                   | \$94,366   | 13.4  | 19.5   | -6.0                                   | 69.1                                |
| (5) African American-owned                 | 4  | \$20,392                                   | \$20,705   | 3.0   | 2.2  | 0.7                                    | 131.6                               |
| (6) Total Asian American-owned             | 17   | \$3,448                                    | \$4,045  | 0.6   | 9.7  | -9.1                                   | 5.9                                 |
| (7) Asian-Pacific American-owned           | 8  | \$1,154                                    | \$1,194  | 0.2   | 9.5  | -9.3                                   | 1.8                                 |
| (8) Subcontinent Asian American-owned      | 9  | \$2,295                                    | \$2,851  | 0.4   | 0.3  | 0.1                                    | 151.9                               |
| (9) Hispanic American-owned                | 46   | \$29,967                                   | \$66,934   | 9.5   | 6.8  | 2.8                                    | 141.3                               |
| (10) Native American-owned                 | 9  | \$1,839                                    | \$2,682  | 0.4   | 0.7  | -0.4                                   | 51.9                                |
| (11) Unknown MBE                           | 10   | \$1,192                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 100  | \$60,756                                   | \$97,918   | 14.0  |  |  |                                     |
| (13) Women-owned DBE                       | 20   | \$6,463                                    | \$7,001  | 1.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 75   | \$50,625                                   | \$90,918   | 13.0  |  |  |                                     |
| (14) African American-owned DBE            | 4  | \$20,392                                   | \$21,379   | 3.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 13   | \$3,257                                    | \$3,919  | 0.6   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 6  | \$1,059                                    | \$1,121  | 0.2   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 7  | \$2,197                                    | \$2,798  | 0.4   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 40   | \$24,393                                   | \$62,850   | 9.0   |  |  |                                     |
| (20) Native American-owned DBE             | 9  | \$1,839                                    | \$2,770  | 0.4   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 9  | \$744                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 5  | \$3,668                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-99.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction and Engineering**  
**Time Period: 2002**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 976  | \$253,633                                  | \$478,799  |   |  |  |                                     |
| (2) MBE/WBE                                | 349  | \$26,674                                   | \$42,707   | 8.9   | 19.9   | -10.9                                  | 44.9                                |
| (3) WBE                                    | 97   | \$6,455                                    | \$12,514   | 2.6   | 5.6  | -3.0                                   | 46.9                                |
| (4) MBE                                    | 252  | \$20,219                                   | \$30,192   | 6.3   | 14.3   | -8.0                                   | 44.1                                |
| (5) African American-owned                 | 22   | \$1,098                                    | \$1,457  | 0.3   | 2.2  | -1.9                                   | 13.9                                |
| (6) Total Asian American-owned             | 57   | \$2,733                                    | \$3,761  | 0.8   | 2.1  | -1.3                                   | 38.1                                |
| (7) Asian-Pacific American-owned           | 17   | \$790                                      | \$1,056  | 0.2   | 1.6  | -1.4                                   | 13.7                                |
| (8) Subcontinent Asian American-owned      | 39   | \$1,739                                    | \$2,012  | 0.4   | 0.4  | 0.0                                    | 93.4                                |
| (9) Hispanic American-owned                | 106  | \$14,109                                   | \$22,875   | 4.8   | 8.9  | -4.2                                   | 53.4                                |
| (10) Native American-owned                 | 22   | \$1,435                                    | \$2,099  | 0.4   | 1.1  | -0.6                                   | 41.2                                |
| (11) Unknown MBE                           | 45   | \$844                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 223  | \$16,621                                   | \$22,465   | 4.7   |  |  |                                     |
| (13) Women-owned DBE                       | 46   | \$2,476                                    | \$4,075  | 0.9   |  |  |                                     |
| (14) Minority-owned DBE                    | 171  | \$11,937                                   | \$18,390   | 3.8   |  |  |                                     |
| (14) African American-owned DBE            | 17   | \$956                                      | \$1,470  | 0.3   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 41   | \$1,466                                    | \$2,152  | 0.4   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 15   | \$738                                      | \$1,084  | 0.2   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 26   | \$728                                      | \$1,069  | 0.2   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 61   | \$7,886                                    | \$13,138   | 2.7   |  |  |                                     |
| (20) Native American-owned DBE             | 20   | \$1,138                                    | \$1,630  | 0.3   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 32   | \$491                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 6  | \$2,208                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-100.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction and Engineering**  
**Time Period: 2003**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 664  | \$151,420                                  | \$294,955  |   |  |  |                                     |
| (2) MBE/WBE                                | 283  | \$16,680                                   | \$23,413   | 7.9   | 20.9   | -12.9                                  | 38.0                                |
| (3) WBE                                    | 73   | \$2,327                                    | \$3,510  | 1.2   | 5.9  | -4.7                                   | 20.1                                |
| (4) MBE                                    | 210  | \$14,353                                   | \$19,904   | 6.7   | 14.9   | -8.2                                   | 45.2                                |
| (5) African American-owned                 | 43   | \$830                                      | \$1,098  | 0.4   | 1.8  | -1.4                                   | 20.9                                |
| (6) Total Asian American-owned             | 29   | \$1,037                                    | \$1,815  | 0.6   | 3.1  | -2.5                                   | 19.9                                |
| (7) Asian-Pacific American-owned           | 10   | \$330                                      | \$720  | 0.2   | 2.5  | -2.2                                   | 9.8                                 |
| (8) Subcontinent Asian American-owned      | 18   | \$694                                      | \$1,080  | 0.4   | 0.6  | -0.2                                   | 59.8                                |
| (9) Hispanic American-owned                | 63   | \$9,794                                    | \$14,233   | 4.8   | 8.9  | -4.1                                   | 54.2                                |
| (10) Native American-owned                 | 18   | \$1,772                                    | \$2,758  | 0.9   | 1.1  | -0.2                                   | 83.1                                |
| (11) Unknown MBE                           | 57   | \$920                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 218  | \$9,104                                    | \$14,386   | 4.9   |  |  |                                     |
| (13) Women-owned DBE                       | 49   | \$1,569                                    | \$2,041  | 0.7   |  |  |                                     |
| (14) Minority-owned DBE                    | 167  | \$7,504                                    | \$12,345   | 4.2   |  |  |                                     |
| (14) African American-owned DBE            | 41   | \$672                                      | \$1,105  | 0.4   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 18   | \$799                                      | \$1,850  | 0.6   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 10   | \$330                                      | \$880  | 0.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 8  | \$469                                      | \$970  | 0.3   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 36   | \$3,392                                    | \$6,032  | 2.0   |  |  |                                     |
| (20) Native American-owned DBE             | 17   | \$1,766                                    | \$3,358  | 1.1   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 55   | \$874                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 2  | \$31                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-101.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction and Engineering**  
**Time Period: 2004**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 680  | \$131,453                                  | \$247,372  |   |  |  |                                     |
| (2) MBE/WBE                                | 256  | \$23,812                                   | \$40,884   | 16.5  | 24.8   | -8.3                                   | 66.5                                |
| (3) WBE                                    | 66   | \$6,175                                    | \$16,758   | 6.8   | 7.3  | -0.5                                   | 93.2                                |
| (4) MBE                                    | 190  | \$17,637                                   | \$24,127   | 9.8   | 17.6   | -7.8                                   | 55.5                                |
| (5) African American-owned                 | 29   | \$593                                      | \$610  | 0.2   | 2.2  | -2.0                                   | 11.2                                |
| (6) Total Asian American-owned             | 38   | \$2,993                                    | \$6,502  | 2.6   | 5.4  | -2.8                                   | 48.6                                |
| (7) Asian-Pacific American-owned           | 20   | \$1,163                                    | \$4,341  | 1.8   | 4.2  | -2.4                                   | 42.1                                |
| (8) Subcontinent Asian American-owned      | 15   | \$1,778                                    | \$2,029  | 0.8   | 1.2  | -0.4                                   | 66.4                                |
| (9) Hispanic American-owned                | 55   | \$10,886                                   | \$14,400   | 5.8   | 8.7  | -2.9                                   | 66.9                                |
| (10) Native American-owned                 | 31   | \$2,510                                    | \$2,614  | 1.1   | 1.3  | -0.2                                   | 84.2                                |
| (11) Unknown MBE                           | 37   | \$654                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 188  | \$13,607                                   | \$17,587   | 7.1   |  |  |                                     |
| (13) Women-owned DBE                       | 37   | \$715                                      | \$1,127  | 0.5   |  |  |                                     |
| (14) Minority-owned DBE                    | 151  | \$12,892                                   | \$16,460   | 6.7   |  |  |                                     |
| (14) African American-owned DBE            | 27   | \$445                                      | \$459  | 0.2   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 28   | \$2,549                                    | \$5,689  | 2.3   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 18   | \$969                                      | \$3,861  | 1.6   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 10   | \$1,580                                    | \$1,827  | 0.7   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 33   | \$6,926                                    | \$7,694  | 3.1   |  |  |                                     |
| (20) Native American-owned DBE             | 31   | \$2,510                                    | \$2,619  | 1.1   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 32   | \$462                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.  
Source: BBC Research and Consulting Disparity Analysis.

**Figure E-102.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction and Engineering**  
**Time Period: 2005**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 771  | \$138,425                                  | \$154,852  |   |  |  |                                     |
| (2) MBE/WBE                                | 307  | \$26,836                                   | \$32,561   | 21.0  | 25.8   | -4.8                                   | 81.5                                |
| (3) WBE                                    | 79   | \$5,172                                    | \$5,190  | 3.4   | 9.1  | -5.7                                   | 36.9                                |
| (4) MBE                                    | 228  | \$21,664                                   | \$27,371   | 17.7  | 16.7   | 1.0                                    | 105.8                               |
| (5) African American-owned                 | 48   | \$1,239                                    | \$1,529  | 1.0   | 1.8  | -0.8                                   | 55.8                                |
| (6) Total Asian American-owned             | 50   | \$2,971                                    | \$3,112  | 2.0   | 3.6  | -1.6                                   | 56.3                                |
| (7) Asian-Pacific American-owned           | 20   | \$1,034                                    | \$1,083  | 0.7   | 3.3  | -2.6                                   | 21.1                                |
| (8) Subcontinent Asian American-owned      | 30   | \$1,938                                    | \$2,030  | 1.3   | 0.3  | 1.1                                    | 515.5                               |
| (9) Hispanic American-owned                | 67   | \$14,369                                   | \$20,711   | 13.4  | 9.5  | 3.8                                    | 140.1                               |
| (10) Native American-owned                 | 25   | \$1,926                                    | \$2,018  | 1.3   | 1.8  | -0.5                                   | 72.2                                |
| (11) Unknown MBE                           | 38   | \$1,158                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 254  | \$19,127                                   | \$21,273   | 13.7  |  |  |                                     |
| (13) Women-owned DBE                       | 69   | \$1,756                                    | \$1,774  | 1.1   |  |  |                                     |
| (14) Minority-owned DBE                    | 185  | \$17,371                                   | \$19,498   | 12.6  |  |  |                                     |
| (14) African American-owned DBE            | 43   | \$592                                      | \$642  | 0.4   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 32   | \$1,740                                    | \$1,858  | 1.2   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 19   | \$809                                      | \$864  | 0.6   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 13   | \$930                                      | \$993  | 0.6   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 48   | \$12,071                                   | \$15,065   | 9.7   |  |  |                                     |
| (20) Native American-owned DBE             | 24   | \$1,811                                    | \$1,934  | 1.2   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 38   | \$1,158                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-103.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction and Engineering**  
**Time Period: Jan-Apr 2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 582  | \$342,998                                  | \$356,978  |   |  |  |                                     |
| (2) MBE/WBE                                | 222  | \$37,905                                   | \$39,020   | 10.9  | 16.3   | -5.4                                   | 66.9                                |
| (3) WBE                                    | 62   | \$4,794                                    | \$4,970  | 1.4   | 4.0  | -2.6                                   | 35.1                                |
| (4) MBE                                    | 160  | \$33,112                                   | \$34,050   | 9.5   | 12.4   | -2.8                                   | 77.1                                |
| (5) African American-owned                 | 23   | \$1,002                                    | \$1,020  | 0.3   | 2.4  | -2.1                                   | 12.0                                |
| (6) Total Asian American-owned             | 29   | \$4,382                                    | \$4,479  | 1.3   | 1.2  | 0.1                                    | 104.3                               |
| (7) Asian-Pacific American-owned           | 15   | \$2,669                                    | \$2,718  | 0.8   | 1.1  | -0.4                                   | 67.6                                |
| (8) Subcontinent Asian American-owned      | 14   | \$1,713                                    | \$1,761  | 0.5   | 0.1  | 0.4                                    | 638.6                               |
| (9) Hispanic American-owned                | 66   | \$26,654                                   | \$28,057   | 7.9   | 7.9  | 0.0                                    | 99.7                                |
| (10) Native American-owned                 | 11   | \$485                                      | \$494  | 0.1   | 0.9  | -0.8                                   | 15.3                                |
| (11) Unknown MBE                           | 31   | \$589                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 182  | \$31,389                                   | \$31,495   | 8.8   |  |  |                                     |
| (13) Women-owned DBE                       | 37   | \$2,730                                    | \$2,818  | 0.8   |  |  |                                     |
| (14) Minority-owned DBE                    | 143  | \$27,668                                   | \$28,677   | 8.0   |  |  |                                     |
| (14) African American-owned DBE            | 21   | \$967                                      | \$1,021  | 0.3   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 25   | \$2,607                                    | \$2,753  | 0.8   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 14   | \$949                                      | \$1,002  | 0.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 11   | \$1,658                                    | \$1,751  | 0.5   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 55   | \$23,021                                   | \$24,391   | 6.8   |  |  |                                     |
| (20) Native American-owned DBE             | 11   | \$485                                      | \$512  | 0.1   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 31   | \$589                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 2  | \$991                                      |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-104.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction and Engineering**  
**Time Period: May-Dec 2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 632  | \$417,650                                  | \$426,059  |   |  |  |                                     |
| (2) MBE/WBE                                | 255  | \$44,505                                   | \$45,648   | 10.7  | 14.3   | -3.6                                   | 74.8                                |
| (3) WBE                                    | 72   | \$9,780                                    | \$9,780  | 2.3   | 4.5  | -2.2                                   | 51.5                                |
| (4) MBE                                    | 183  | \$34,725                                   | \$35,868   | 8.4   | 9.9  | -1.4                                   | 85.4                                |
| (5) African American-owned                 | 24   | \$256                                      | \$343  | 0.1   | 1.8  | -1.7                                   | 4.4                                 |
| (6) Total Asian American-owned             | 35   | \$2,175                                    | \$2,917  | 0.7   | 1.1  | -0.4                                   | 60.5                                |
| (7) Asian-Pacific American-owned           | 20   | \$1,213                                    | \$1,626  | 0.4   | 1.0  | -0.6                                   | 39.1                                |
| (8) Subcontinent Asian American-owned      | 15   | \$962                                      | \$1,290  | 0.3   | 0.2  | 0.1                                    | 193.2                               |
| (9) Hispanic American-owned                | 64   | \$20,098                                   | \$28,457   | 6.7   | 6.1  | 0.6                                    | 109.6                               |
| (10) Native American-owned                 | 22   | \$3,096                                    | \$4,151  | 1.0   | 0.8  | 0.2                                    | 121.4                               |
| (11) Unknown MBE                           | 38   | \$9,100                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 221  | \$23,074                                   | \$24,217   | 5.7   |  |  |                                     |
| (13) Women-owned DBE                       | 44   | \$1,284                                    | \$1,303  | 0.3   |  |  |                                     |
| (14) Minority-owned DBE                    | 172  | \$21,440                                   | \$22,914   | 5.4   |  |  |                                     |
| (14) African American-owned DBE            | 24   | \$256                                      | \$275  | 0.1   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 34   | \$2,005                                    | \$2,149  | 0.5   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 19   | \$1,042                                    | \$1,118  | 0.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 15   | \$962                                      | \$1,032  | 0.2   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 55   | \$14,893                                   | \$17,171   | 4.0   |  |  |                                     |
| (20) Native American-owned DBE             | 22   | \$3,096                                    | \$3,319  | 0.8   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 37   | \$1,190                                    |  |   |  |  |                                     |
| (23) Unknown DBE                           | 5  | \$349                                      |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-105.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-Apr 2006**  
**Role: Prime Contractors**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 831  | \$3,985,478                                | \$5,452,475                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 81   | \$158,653                                  | \$235,501  | 4.3   | 10.8   | -6.5                                   | 40.0                                |
| (3) WBE                                    | 17   | \$80,856                                   | \$114,019  | 2.1   | 2.6  | -0.5                                   | 80.7                                |
| (4) MBE                                    | 64   | \$77,798                                   | \$121,482  | 2.2   | 8.2  | -6.0                                   | 27.2                                |
| (5) African American-owned                 | 2  | \$19,589                                   | \$19,589   | 0.4   | 2.6  | -2.3                                   | 13.7                                |
| (6) Total Asian American-owned             | 9  | \$5,257                                    | \$20,046   | 0.4   | 1.9  | -1.5                                   | 19.2                                |
| (7) Asian-Pacific American-owned           | 4  | \$3,563                                    | \$4,493  | 0.1   | 1.7  | -1.6                                   | 4.8                                 |
| (8) Subcontinent Asian American-owned      | 5  | \$1,694                                    | \$15,553   | 0.3   | 0.2  | 0.1                                    | 155.3                               |
| (9) Hispanic American-owned                | 47   | \$50,372                                   | \$63,656   | 1.2   | 3.2  | -2.0                                   | 36.9                                |
| (10) Native American-owned                 | 6  | \$2,580                                    | \$18,192   | 0.3   | 0.5  | -0.2                                   | 66.9                                |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 51   | \$71,063                                   | \$100,889  | 1.9   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 49   | \$68,085                                   | \$100,889  | 1.9   |  |  |                                     |
| (14) African American-owned DBE            | 1  | \$19,331                                   | \$19,919   | 0.4   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 7  | \$4,061                                    | \$5,142  | 0.1   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 4  | \$3,563                                    | \$4,629  | 0.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 3  | \$498                                      | \$513  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 35   | \$42,113                                   | \$57,082   | 1.0   |  |  |                                     |
| (20) Native American-owned DBE             | 6  | \$2,580                                    | \$18,745   | 0.3   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 2  | \$2,978                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.  
Source: BBC Research and Consulting Disparity Analysis.



**Figure E-106.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: May-Dec 2006**  
**Role: Prime Contractors**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 35   | \$94,671                                   | \$109,256  |   |  |  |                                     |
| (2) MBE/WBE                                | 5  | \$7,459                                    | \$10,590   | 9.7   | 9.7  | 0.0                                    | 100.4                               |
| (3) WBE                                    | 2  | \$1,882                                    | \$2,559  | 2.3   | 2.6  | -0.2                                   | 91.1                                |
| (4) MBE                                    | 3  | \$5,577                                    | \$8,031  | 7.4   | 7.1  | 0.3                                    | 103.7                               |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.7  | -1.7                                   | 0.0                                 |
| (6) Total Asian American-owned             | 0  | \$0  | \$0  | 0.0   | 0.6  | -0.6                                   | 0.0                                 |
| (7) Asian-Pacific American-owned           | 0  | \$0  | \$0  | 0.0   | 0.6  | -0.6                                   | 0.0                                 |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 0.0  | 0.0                                    | 0.0                                 |
| (9) Hispanic American-owned                | 3  | \$5,577                                    | \$8,031  | 7.4   | 4.3  | 3.0                                    | 170.2                               |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 0.5  | -0.5                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 2  | \$498                                      | \$717  | 0.7   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 2  | \$498                                      | \$717  | 0.7   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 2  | \$498                                      | \$717  | 0.7   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.  
Source: BBC Research and Consulting Disparity Analysis.

**Figure E-107.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-Apr 2006**  
**Role: Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 422  | \$50,365                                   | \$131,054  |   |  |  |                                     |
| (2) MBE/WBE                                | 219  | \$28,877                                   | \$61,646   | 47.0  | 35.0   | 12.1                                   | 134.5                               |
| (3) WBE                                    | 67   | \$5,422                                    | \$9,815  | 7.5   | 11.7   | -4.2                                   | 64.1                                |
| (4) MBE                                    | 152  | \$23,455                                   | \$51,830   | 39.5  | 23.3   | 16.3                                   | 170.0                               |
| (5) African American-owned                 | 13   | \$1,575                                    | \$2,564  | 2.0   | 2.6  | -0.7                                   | 74.5                                |
| (6) Total Asian American-owned             | 74   | \$14,011                                   | \$30,146   | 23.0  | 12.3   | 10.7                                   | 187.4                               |
| (7) Asian-Pacific American-owned           | 46   | \$4,229                                    | \$12,212   | 9.3   | 8.4  | 1.0                                    | 111.4                               |
| (8) Subcontinent Asian American-owned      | 19   | \$8,732                                    | \$15,529   | 11.8  | 3.9  | 7.9                                    | 303.0                               |
| (9) Hispanic American-owned                | 53   | \$7,367                                    | \$19,027   | 14.5  | 7.3  | 7.2                                    | 199.0                               |
| (10) Native American-owned                 | 1  | \$71                                       | \$93   | 0.1   | 1.1  | -1.0                                   | 6.6                                 |
| (11) Unknown MBE                           | 11   | \$431                                      |  |   |  |  |                                     |
| (12) DBE-certified                         | 164  | \$23,039                                   | \$50,707   | 38.7  |  |  |                                     |
| (13) Women-owned DBE                       | 47   | \$3,161                                    | \$6,719  | 5.1   |  |  |                                     |
| (14) Minority-owned DBE                    | 114  | \$19,784                                   | \$43,799   | 33.4  |  |  |                                     |
| (14) African American-owned DBE            | 13   | \$1,575                                    | \$2,528  | 1.9   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 56   | \$11,836                                   | \$25,641   | 19.6  |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 37   | \$3,727                                    | \$10,978   | 8.4   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 16   | \$8,086                                    | \$14,601   | 11.1  |  |  |                                     |
| (19) Hispanic American-owned DBE           | 40   | \$6,172                                    | \$15,629   | 11.9  |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 1  | \$65                                       | \$190  | 0.1   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 5  | \$201                                      |  |   |  |  |                                     |
| (23) Unknown DBE                           | 2  | \$30                                       |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-108.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-Apr 2006**  
**Role: Primes**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 123  | \$150,140                                  | \$421,730  |   |  |  |                                     |
| (2) MBE/WBE                                | 24   | \$17,936                                   | \$42,355   | 10.0  | 22.3   | -12.2                                  | 45.1                                |
| (3) WBE                                    | 10   | \$9,851                                    | \$29,150   | 6.9   | 5.6  | 1.3                                    | 123.3                               |
| (4) MBE                                    | 14   | \$8,084                                    | \$13,204   | 3.1   | 16.7   | -13.6                                  | 18.8                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.3  | -2.3                                   | 0.0                                 |
| (6) Total Asian American-owned             | 8  | \$3,828                                    | \$8,006  | 1.9   | 6.6  | -4.7                                   | 28.7                                |
| (7) Asian-Pacific American-owned           | 7  | \$1,757                                    | \$1,981  | 0.5   | 4.4  | -4.0                                   | 10.6                                |
| (8) Subcontinent Asian American-owned      | 1  | \$2,071                                    | \$6,025  | 1.4   | 2.2  | -0.8                                   | 65.5                                |
| (9) Hispanic American-owned                | 6  | \$4,257                                    | \$5,198  | 1.2   | 6.5  | -5.2                                   | 19.0                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.3  | -1.3                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 12   | \$7,446                                    | \$12,444   | 3.0   |  |  |                                     |
| (13) Women-owned DBE                       | 5  | \$2,032                                    | \$2,342  | 0.6   |  |  |                                     |
| (14) Minority-owned DBE                    | 7  | \$5,413                                    | \$10,102   | 2.4   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 4  | \$2,895                                    | \$6,972  | 1.7   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 3  | \$824                                      | \$947  | 0.2   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 1  | \$2,071                                    | \$6,025  | 1.4   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 3  | \$2,518                                    | \$3,130  | 0.7   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-109.**  
**Agency: Caltrans**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

**Contracts under \$10M**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 633  | \$937,475                                  | \$937,475  |   |  |  |                                     |
| (2) MBE/WBE                                | 67   | \$55,659                                   | \$55,659   | 5.9   | 15.7   | -9.8                                   | 37.8                                |
| (3) WBE                                    | 12   | \$11,929                                   | \$11,929   | 1.3   | 4.5  | -3.3                                   | 28.0                                |
| (4) MBE                                    | 55   | \$43,730                                   | \$43,730   | 4.7   | 11.2   | -6.5                                   | 41.8                                |
| (5) African American-owned                 | 1  | \$258                                      | \$258  | 0.0   | 1.6  | -1.6                                   | 1.7                                 |
| (6) Total Asian American-owned             | 7  | \$4,824                                    | \$4,824  | 0.5   | 1.9  | -1.4                                   | 26.5                                |
| (7) Asian-Pacific American-owned           | 3  | \$3,380                                    | \$3,380  | 0.4   | 1.9  | -1.5                                   | 19.2                                |
| (8) Subcontinent Asian American-owned      | 4  | \$1,443                                    | \$1,443  | 0.2   | 0.1  | 0.1                                    | 252.0                               |
| (9) Hispanic American-owned                | 42   | \$36,350                                   | \$36,350   | 3.9   | 6.5  | -2.6                                   | 59.6                                |
| (10) Native American-owned                 | 5  | \$2,298                                    | \$2,298  | 0.2   | 1.1  | -0.9                                   | 22.4                                |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 43   | \$37,246                                   | \$37,246   | 4.0   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 41   | \$34,268                                   | \$37,246   | 4.0   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 6  | \$3,878                                    | \$4,215  | 0.4   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 3  | \$3,380                                    | \$3,674  | 0.4   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 3  | \$498                                      | \$541  | 0.1   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 30   | \$28,092                                   | \$30,533   | 3.3   |  |  |                                     |
| (20) Native American-owned DBE             | 5  | \$2,298                                    | \$2,497  | 0.3   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 2  | \$2,978                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-110.**  
**Agency: Local Agency**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

**Contracts under \$10M**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 134  | \$249,814                                  | \$1,371,565                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 14   | \$16,572                                   | \$91,877   | 6.7   | 19.8   | -13.1                                  | 33.8                                |
| (3) WBE                                    | 4  | \$7,128                                    | \$40,968   | 3.0   | 5.3  | -2.3                                   | 56.1                                |
| (4) MBE                                    | 10   | \$9,444                                    | \$50,909   | 3.7   | 14.5   | -10.8                                  | 25.6                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.6  | -1.6                                   | 0.0                                 |
| (6) Total Asian American-owned             | 2  | \$433                                      | \$15,222   | 1.1   | 5.3  | -4.2                                   | 20.8                                |
| (7) Asian-Pacific American-owned           | 1  | \$183                                      | \$1,112  | 0.1   | 5.2  | -5.2                                   | 1.5                                 |
| (8) Subcontinent Asian American-owned      | 1  | \$250                                      | \$14,109   | 1.0   | 0.1  | 0.9                                    | 1,270.2                             |
| (9) Hispanic American-owned                | 7  | \$8,729                                    | \$19,793   | 1.4   | 6.5  | -5.0                                   | 22.3                                |
| (10) Native American-owned                 | 1  | \$282                                      | \$15,894   | 1.2   | 1.1  | 0.1                                    | 107.8                               |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 8  | \$4,114                                    | \$29,485   | 2.1   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 8  | \$4,114                                    | \$29,485   | 2.1   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 1  | \$183                                      | \$1,112  | 0.1   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 1  | \$183                                      | \$1,112  | 0.1   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 6  | \$3,650                                    | \$12,479   | 0.9   |  |  |                                     |
| (20) Native American-owned DBE             | 1  | \$282                                      | \$15,894   | 1.2   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-111.**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

**Contracts under \$10M**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 767  | \$1,187,290                                | \$2,309,041                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 81   | \$72,231                                   | \$147,536  | 6.4   | 18.1   | -11.7                                  | 35.2                                |
| (3) WBE                                    | 16   | \$19,057                                   | \$52,897   | 2.3   | 5.0  | -2.7                                   | 45.8                                |
| (4) MBE                                    | 65   | \$53,174                                   | \$94,638   | 4.1   | 13.1   | -9.0                                   | 31.2                                |
| (5) African American-owned                 | 1  | \$258                                      | \$258  | 0.0   | 1.6  | -1.6                                   | 0.7                                 |
| (6) Total Asian American-owned             | 9  | \$5,257                                    | \$20,046   | 0.9   | 3.9  | -3.1                                   | 22.0                                |
| (7) Asian-Pacific American-owned           | 4  | \$3,563                                    | \$4,493  | 0.2   | 3.9  | -3.7                                   | 5.0                                 |
| (8) Subcontinent Asian American-owned      | 5  | \$1,694                                    | \$15,553   | 0.7   | 0.1  | 0.6                                    | 924.7                               |
| (9) Hispanic American-owned                | 49   | \$45,079                                   | \$56,143   | 2.4   | 6.5  | -4.1                                   | 37.4                                |
| (10) Native American-owned                 | 6  | \$2,580                                    | \$18,192   | 0.8   | 1.1  | -0.3                                   | 72.7                                |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 51   | \$41,360                                   | \$66,731   | 2.9   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 49   | \$38,382                                   | \$66,731   | 2.9   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 7  | \$4,061                                    | \$5,224  | 0.2   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 4  | \$3,563                                    | \$4,702  | 0.2   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 3  | \$498                                      | \$521  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 36   | \$31,741                                   | \$42,466   | 1.8   |  |  |                                     |
| (20) Native American-owned DBE             | 6  | \$2,580                                    | \$19,042   | 0.8   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 2  | \$2,978                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-112.**  
**Agency: Caltrans**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

**Contracts under \$10M**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 798  | \$490,999                                  | \$490,999  |   |  |  |                                     |
| (2) MBE/WBE                                | 127  | \$69,218                                   | \$69,218   | 14.1  | 20.4   | -6.3                                   | 69.2                                |
| (3) WBE                                    | 12   | \$9,182                                    | \$9,182  | 1.9   | 7.1  | -5.2                                   | 26.3                                |
| (4) MBE                                    | 115  | \$60,036                                   | \$60,036   | 12.2  | 13.3   | -1.0                                   | 92.2                                |
| (5) African American-owned                 | 11   | \$2,667                                    | \$3,071  | 0.6   | 1.5  | -0.8                                   | 42.9                                |
| (6) Total Asian American-owned             | 18   | \$6,709                                    | \$7,727  | 1.6   | 1.8  | -0.2                                   | 89.1                                |
| (7) Asian-Pacific American-owned           | 7  | \$3,678                                    | \$4,236  | 0.9   | 1.7  | -0.8                                   | 51.8                                |
| (8) Subcontinent Asian American-owned      | 11   | \$3,030                                    | \$3,490  | 0.7   | 0.1  | 0.6                                    | 716.8                               |
| (9) Hispanic American-owned                | 66   | \$35,340                                   | \$40,703   | 8.3   | 8.3  | 0.0                                    | 100.2                               |
| (10) Native American-owned                 | 19   | \$7,412                                    | \$8,536  | 1.7   | 1.8  | 0.0                                    | 98.6                                |
| (11) Unknown MBE                           | 1  | \$7,909                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 82   | \$38,501                                   | \$38,501   | 7.8   |  |  |                                     |
| (13) Women-owned DBE                       | 4  | \$1,995                                    | \$2,047  | 0.4   |  |  |                                     |
| (14) Minority-owned DBE                    | 77   | \$35,540                                   | \$36,455   | 7.4   |  |  |                                     |
| (14) African American-owned DBE            | 6  | \$1,865                                    | \$1,913  | 0.4   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 15   | \$4,164                                    | \$4,272  | 0.9   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 5  | \$1,734                                    | \$1,779  | 0.4   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 10   | \$2,430                                    | \$2,493  | 0.5   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 38   | \$22,215                                   | \$22,786   | 4.6   |  |  |                                     |
| (20) Native American-owned DBE             | 18   | \$7,296                                    | \$7,484  | 1.5   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$966                                      |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-113.**  
**Agency: Local Agency**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

**Contracts under \$10M**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 59   | \$106,222                                  | \$429,178  |   |  |  |                                     |
| (2) MBE/WBE                                | 8  | \$8,469                                    | \$28,234   | 6.6   | 17.6   | -11.0                                  | 37.4                                |
| (3) WBE                                    | 2  | \$1,956                                    | \$9,742  | 2.3   | 4.3  | -2.0                                   | 52.6                                |
| (4) MBE                                    | 6  | \$6,513                                    | \$18,492   | 4.3   | 13.3   | -9.0                                   | 32.5                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.0  | -2.0                                   | 0.0                                 |
| (6) Total Asian American-owned             | 1  | \$250                                      | \$806  | 0.2   | 2.5  | -2.3                                   | 7.4                                 |
| (7) Asian-Pacific American-owned           | 1  | \$250                                      | \$806  | 0.2   | 2.1  | -1.9                                   | 9.1                                 |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 0.5  | -0.5                                   | 0.0                                 |
| (9) Hispanic American-owned                | 5  | \$6,263                                    | \$17,686   | 4.1   | 7.7  | -3.6                                   | 53.6                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.1  | -1.1                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 2  | \$1,946                                    | \$4,521  | 1.1   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 2  | \$1,946                                    | \$4,521  | 1.1   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 1  | \$250                                      | \$806  | 0.2   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 1  | \$250                                      | \$806  | 0.2   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 1  | \$1,697                                    | \$3,716  | 0.9   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.



**Figure E-114.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Construction**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

**Contracts under \$10M**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 857  | \$597,221                                  | \$920,177  |   |  |  |                                     |
| (2) MBE/WBE                                | 135  | \$77,687                                   | \$97,452   | 10.6  | 19.1   | -8.5                                   | 55.5                                |
| (3) WBE                                    | 14   | \$11,137                                   | \$18,923   | 2.1   | 5.8  | -3.8                                   | 35.3                                |
| (4) MBE                                    | 121  | \$66,549                                   | \$78,529   | 8.5   | 13.3   | -4.7                                   | 64.4                                |
| (5) African American-owned                 | 11   | \$2,667                                    | \$2,965  | 0.3   | 1.7  | -1.4                                   | 19.0                                |
| (6) Total Asian American-owned             | 19   | \$6,958                                    | \$8,356  | 0.9   | 2.1  | -1.2                                   | 42.9                                |
| (7) Asian-Pacific American-owned           | 8  | \$3,928                                    | \$4,987  | 0.5   | 1.8  | -1.3                                   | 29.3                                |
| (8) Subcontinent Asian American-owned      | 11   | \$3,030                                    | \$3,370  | 0.4   | 0.3  | 0.1                                    | 137.1                               |
| (9) Hispanic American-owned                | 71   | \$41,604                                   | \$58,966   | 6.4   | 8.0  | -1.6                                   | 80.0                                |
| (10) Native American-owned                 | 19   | \$7,412                                    | \$8,242  | 0.9   | 1.4  | -0.6                                   | 61.9                                |
| (11) Unknown MBE                           | 1  | \$7,909                                    |  |   |  |  |                                     |
| (12) DBE-certified                         | 84   | \$40,448                                   | \$43,023   | 4.7   |  |  |                                     |
| (13) Women-owned DBE                       | 4  | \$1,995                                    | \$2,041  | 0.2   |  |  |                                     |
| (14) Minority-owned DBE                    | 79   | \$37,486                                   | \$40,982   | 4.5   |  |  |                                     |
| (14) African American-owned DBE            | 6  | \$1,865                                    | \$1,907  | 0.2   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 16   | \$4,414                                    | \$5,084  | 0.6   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 6  | \$1,984                                    | \$2,598  | 0.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 10   | \$2,430                                    | \$2,486  | 0.3   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 39   | \$23,911                                   | \$26,526   | 2.9   |  |  |                                     |
| (20) Native American-owned DBE             | 18   | \$7,296                                    | \$7,464  | 0.8   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 1  | \$966                                      |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-115.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: 2002-Apr 2006**  
**Role: Prime Contractors**  
**Region: California**

**Contracts under \$10M**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 734  | \$1,133,427                                | \$2,240,593                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 76   | \$64,772                                   | \$136,946  | 6.1   | 18.3   | -12.2                                  | 33.5                                |
| (3) WBE                                    | 14   | \$17,175                                   | \$50,339   | 2.2   | 5.0  | -2.8                                   | 44.6                                |
| (4) MBE                                    | 62   | \$47,597                                   | \$86,608   | 3.9   | 13.2   | -9.4                                   | 29.2                                |
| (5) African American-owned                 | 1  | \$258                                      | \$258  | 0.0   | 1.6  | -1.6                                   | 0.7                                 |
| (6) Total Asian American-owned             | 9  | \$5,257                                    | \$20,046   | 0.9   | 4.0  | -3.1                                   | 22.2                                |
| (7) Asian-Pacific American-owned           | 4  | \$3,563                                    | \$4,493  | 0.2   | 3.9  | -3.7                                   | 5.1                                 |
| (8) Subcontinent Asian American-owned      | 5  | \$1,694                                    | \$15,553   | 0.7   | 0.1  | 0.6                                    | 951.6                               |
| (9) Hispanic American-owned                | 46   | \$39,502                                   | \$48,112   | 2.1   | 6.5  | -4.3                                   | 33.1                                |
| (10) Native American-owned                 | 6  | \$2,580                                    | \$18,192   | 0.8   | 1.1  | -0.3                                   | 74.3                                |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 49   | \$40,863                                   | \$66,014   | 2.9   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 47   | \$37,884                                   | \$66,014   | 2.9   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 7  | \$4,061                                    | \$5,226  | 0.2   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 4  | \$3,563                                    | \$4,705  | 0.2   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 3  | \$498                                      | \$521  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 34   | \$31,244                                   | \$41,737   | 1.9   |  |  |                                     |
| (20) Native American-owned DBE             | 6  | \$2,580                                    | \$19,052   | 0.9   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 2  | \$2,978                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-116.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Construction**  
**Time Period: May-Dec 2006**  
**Role: Prime Contractors**  
**Region: California**

**Contracts under \$10M**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 33   | \$53,863                                   | \$68,448   |   |  |  |                                     |
| (2) MBE/WBE                                | 5  | \$7,459                                    | \$10,590   | 15.5  | 13.4   | 2.1                                    | 115.5                               |
| (3) WBE                                    | 2  | \$1,882                                    | \$2,559  | 3.7   | 3.6  | 0.1                                    | 103.1                               |
| (4) MBE                                    | 3  | \$5,577                                    | \$8,031  | 11.7  | 9.8  | 2.0                                    | 120.1                               |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.5  | -1.5                                   | 0.0                                 |
| (6) Total Asian American-owned             | 0  | \$0  | \$0  | 0.0   | 1.0  | -1.0                                   | 0.0                                 |
| (7) Asian-Pacific American-owned           | 0  | \$0  | \$0  | 0.0   | 0.9  | -0.9                                   | 0.0                                 |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 0.1  | -0.1                                   | 0.0                                 |
| (9) Hispanic American-owned                | 3  | \$5,577                                    | \$8,031  | 11.7  | 6.5  | 5.2                                    | 180.5                               |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 0.8  | -0.8                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 2  | \$498                                      | \$717  | 1.0   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 2  | \$498                                      | \$717  | 1.0   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 2  | \$498                                      | \$717  | 1.0   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-117.**  
**Agency: Caltrans**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

**Contracts under \$500K**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 41   | \$6,327                                    | \$11,877   |   |  |  |                                     |
| (2) MBE/WBE                                | 10   | \$862                                      | \$1,056  | 8.9   | 32.8   | -23.9                                  | 27.1                                |
| (3) WBE                                    | 2  | \$92                                       | \$94   | 0.8   | 11.8   | -11.0                                  | 6.7                                 |
| (4) MBE                                    | 8  | \$771                                      | \$962  | 8.1   | 21.0   | -12.8                                  | 38.7                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.0  | -2.0                                   | 0.0                                 |
| (6) Total Asian American-owned             | 5  | \$460                                      | \$564  | 4.7   | 10.2   | -5.5                                   | 46.4                                |
| (7) Asian-Pacific American-owned           | 4  | \$437                                      | \$542  | 4.6   | 6.7  | -2.1                                   | 68.0                                |
| (8) Subcontinent Asian American-owned      | 1  | \$22                                       | \$22   | 0.2   | 3.5  | -3.3                                   | 5.3                                 |
| (9) Hispanic American-owned                | 3  | \$311                                      | \$398  | 3.4   | 6.4  | -3.1                                   | 52.3                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.3  | -2.3                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 6  | \$272                                      | \$352  | 3.0   |  |  |                                     |
| (13) Women-owned DBE                       | 2  | \$92                                       | \$94   | 0.8   |  |  |                                     |
| (14) Minority-owned DBE                    | 4  | \$180                                      | \$258  | 2.2   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 2  | \$79                                       | \$149  | 1.3   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 2  | \$79                                       | \$149  | 1.3   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 2  | \$101                                      | \$108  | 0.9   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-118.**  
**Agency: Local Agency**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

**Contracts under \$500K**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 16   | \$1,289                                    | \$27,447   |   |  |  |                                     |
| (2) MBE/WBE                                | 2  | \$120                                      | \$197  | 0.7   | 30.1   | -29.4                                  | 2.4                                 |
| (3) WBE                                    | 1  | \$115                                      | \$165  | 0.6   | 8.8  | -8.2                                   | 6.8                                 |
| (4) MBE                                    | 1  | \$5  | \$32   | 0.1   | 21.4   | -21.2                                  | 0.5                                 |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.7  | -2.7                                   | 0.0                                 |
| (6) Total Asian American-owned             | 1  | \$5  | \$32   | 0.1   | 12.2   | -12.1                                  | 1.0                                 |
| (7) Asian-Pacific American-owned           | 1  | \$5  | \$32   | 0.1   | 8.4  | -8.3                                   | 1.4                                 |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 3.7  | -3.7                                   | 0.0                                 |
| (9) Hispanic American-owned                | 0  | \$0  | \$0  | 0.0   | 5.5  | -5.5                                   | 0.0                                 |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.0  | -1.0                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-119.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

**Contracts under \$500K**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 57   | \$7,616                                    | \$39,324   |   |  |  |                                     |
| (2) MBE/WBE                                | 12   | \$983                                      | \$1,253  | 3.2   | 30.9   | -27.8                                  | 10.3                                |
| (3) WBE                                    | 3  | \$207                                      | \$259  | 0.7   | 9.7  | -9.0                                   | 6.8                                 |
| (4) MBE                                    | 9  | \$776                                      | \$994  | 2.5   | 21.2   | -18.7                                  | 11.9                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.5  | -2.5                                   | 0.0                                 |
| (6) Total Asian American-owned             | 6  | \$465                                      | \$596  | 1.5   | 11.6   | -10.1                                  | 13.1                                |
| (7) Asian-Pacific American-owned           | 5  | \$442                                      | \$574  | 1.5   | 7.9  | -6.5                                   | 18.4                                |
| (8) Subcontinent Asian American-owned      | 1  | \$22                                       | \$22   | 0.1   | 3.7  | -3.6                                   | 1.5                                 |
| (9) Hispanic American-owned                | 3  | \$311                                      | \$398  | 1.0   | 5.8  | -4.7                                   | 17.6                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.4  | -1.4                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 6  | \$272                                      | \$352  | 0.9   |  |  |                                     |
| (13) Women-owned DBE                       | 2  | \$92                                       | \$94   | 0.2   |  |  |                                     |
| (14) Minority-owned DBE                    | 4  | \$180                                      | \$258  | 0.7   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 2  | \$79                                       | \$149  | 0.4   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 2  | \$79                                       | \$149  | 0.4   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 2  | \$101                                      | \$108  | 0.3   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-120.**  
**Agency: Caltrans**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

**Contracts under \$500K**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 6  | \$767                                      | \$1,024  |   |  |  |                                     |
| (2) MBE/WBE                                | 0  | \$0  | \$0  | 0.0   | 38.3   | -38.3                                  | 0.0                                 |
| (3) WBE                                    | 0  | \$0  | \$0  | 0.0   | 13.8   | -13.8                                  | 0.0                                 |
| (4) MBE                                    | 0  | \$0  | \$0  | 0.0   | 24.5   | -24.5                                  | 0.0                                 |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 6.9  | -6.9                                   | 0.0                                 |
| (6) Total Asian American-owned             | 0  | \$0  | \$0  | 0.0   | 6.4  | -6.4                                   | 0.0                                 |
| (7) Asian-Pacific American-owned           | 0  | \$0  | \$0  | 0.0   | 5.2  | -5.2                                   | 0.0                                 |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 1.1  | -1.1                                   | 0.0                                 |
| (9) Hispanic American-owned                | 0  | \$0  | \$0  | 0.0   | 11.0   | -11.0                                  | 0.0                                 |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 0.2  | -0.2                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (13) Women-owned DBE                       | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) Minority-owned DBE                    | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-121.**  
**Agency: Local Agency**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

**Contracts under \$500K**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 19   | \$3,614                                    | \$31,920   |   |  |  |                                     |
| (2) MBE/WBE                                | 1  | \$287                                      | \$926  | 2.9   | 31.2   | -28.3                                  | 9.3                                 |
| (3) WBE                                    | 1  | \$287                                      | \$926  | 2.9   | 13.7   | -10.8                                  | 21.2                                |
| (4) MBE                                    | 0  | \$0  | \$0  | 0.0   | 17.5   | -17.5                                  | 0.0                                 |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.9  | -1.9                                   | 0.0                                 |
| (6) Total Asian American-owned             | 0  | \$0  | \$0  | 0.0   | 7.3  | -7.3                                   | 0.0                                 |
| (7) Asian-Pacific American-owned           | 0  | \$0  | \$0  | 0.0   | 5.1  | -5.1                                   | 0.0                                 |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 2.2  | -2.2                                   | 0.0                                 |
| (9) Hispanic American-owned                | 0  | \$0  | \$0  | 0.0   | 7.5  | -7.5                                   | 0.0                                 |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 0.8  | -0.8                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 1  | \$287                                      | \$926  | 2.9   |  |  |                                     |
| (13) Women-owned DBE                       | 1  | \$287                                      | \$926  | 2.9   |  |  |                                     |
| (14) Minority-owned DBE                    | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.



**Figure E-122.**  
**Agency: Caltrans and Local Assistance**  
**Funding: State**  
**Type: Engineering**  
**Time Period: 2002-2006**  
**Role: Prime Contractors**  
**Region: California**

**Contracts under \$500K**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 25   | \$4,382                                    | \$32,943   |   |  |  |                                     |
| (2) MBE/WBE                                | 1  | \$287                                      | \$926  | 2.8   | 31.4   | -28.6                                  | 8.9                                 |
| (3) WBE                                    | 1  | \$287                                      | \$926  | 2.8   | 13.7   | -10.8                                  | 20.6                                |
| (4) MBE                                    | 0  | \$0  | \$0  | 0.0   | 17.7   | -17.7                                  | 0.0                                 |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.1  | -2.1                                   | 0.0                                 |
| (6) Total Asian American-owned             | 0  | \$0  | \$0  | 0.0   | 7.3  | -7.3                                   | 0.0                                 |
| (7) Asian-Pacific American-owned           | 0  | \$0  | \$0  | 0.0   | 5.1  | -5.1                                   | 0.0                                 |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 2.2  | -2.2                                   | 0.0                                 |
| (9) Hispanic American-owned                | 0  | \$0  | \$0  | 0.0   | 7.6  | -7.6                                   | 0.0                                 |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 0.8  | -0.8                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 1  | \$287                                      | \$926  | 2.8   |  |  |                                     |
| (13) Women-owned DBE                       | 1  | \$287                                      | \$926  | 2.8   |  |  |                                     |
| (14) Minority-owned DBE                    | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-123.**  
**Agency: Caltrans and Local Assistance**  
**Funding: Federal**  
**Type: Engineering**  
**Time Period: 2002-Apr 2006**  
**Role: Primes**  
**Region: California**

**Contracts under \$500K**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 54   | \$7,466                                    | \$32,185   |   |  |  |                                     |
| (2) MBE/WBE                                | 11   | \$961                                      | \$1,231  | 3.8   | 30.5   | -26.7                                  | 12.5                                |
| (3) WBE                                    | 3  | \$207                                      | \$259  | 0.8   | 10.0   | -9.2                                   | 8.1                                 |
| (4) MBE                                    | 8  | \$754                                      | \$972  | 3.0   | 20.6   | -17.5                                  | 14.7                                |
| (5) African American-owned                 | 0  | \$0  | \$0  | 0.0   | 2.3  | -2.3                                   | 0.0                                 |
| (6) Total Asian American-owned             | 5  | \$442                                      | \$574  | 1.8   | 10.7   | -8.9                                   | 16.7                                |
| (7) Asian-Pacific American-owned           | 5  | \$442                                      | \$574  | 1.8   | 7.2  | -5.5                                   | 24.6                                |
| (8) Subcontinent Asian American-owned      | 0  | \$0  | \$0  | 0.0   | 3.4  | -3.4                                   | 0.0                                 |
| (9) Hispanic American-owned                | 3  | \$311                                      | \$398  | 1.2   | 6.1  | -4.9                                   | 20.2                                |
| (10) Native American-owned                 | 0  | \$0  | \$0  | 0.0   | 1.4  | -1.4                                   | 0.0                                 |
| (11) Unknown MBE                           | 0  | \$0  |  |   |  |  |                                     |
| (12) DBE-certified                         | 6  | \$272                                      | \$352  | 1.1   |  |  |                                     |
| (13) Women-owned DBE                       | 2  | \$92                                       | \$94   | 0.3   |  |  |                                     |
| (14) Minority-owned DBE                    | 4  | \$180                                      | \$258  | 0.8   |  |  |                                     |
| (14) African American-owned DBE            | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 2  | \$79                                       | \$149  | 0.5   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 2  | \$79                                       | \$149  | 0.5   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 2  | \$101                                      | \$108  | 0.3   |  |  |                                     |
| (20) Native American-owned DBE             | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (21) White male-owned DBE                  | 0  | \$0  | \$0  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 0  | \$0  |  |   |  |  |                                     |
| (23) Unknown DBE                           | 0  | \$0  |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.

**Figure E-124. MBE and WBE Revenue Cap**  
**Agency: Caltrans, Local Assistance and SR 125**  
**Funding: Federal**  
**Type: Construction and Engineering**  
**Time Period: 2002-Apr 2006**  
**Role: Prime Contractors, Subcontractors and Suppliers**  
**Region: California**

| Firm Type                                  | (a)<br>Number of<br>contracts<br>(subcontracts)<br>in sample | (b)<br>Dollars<br>in sample<br>(thousands) | (c)<br>Estimated<br>total dollars<br>(thousands) | (d)<br>Actual<br>utilization<br>(column c/c-1)<br>% | (e)<br>Utilization<br>benchmark<br>(availability)<br>% | (f)<br>Difference<br>(column d-e)<br>% | (g)<br>Disparity index<br>(d/e)x100 |
|--|--|--|--|---|--|--|-------------------------------------|
| (1) All firms                              | 6,673  | \$5,882,603                                | \$8,216,123                                      |   |  |  |                                     |
| (2) MBE/WBE                                | 2,780  | \$831,414                                  | \$1,205,425                                      | 14.7  | 13.5   | 1.2                                    | 108.9                               |
| (3) WBE                                    | 731  | \$305,766                                  | \$398,715  | 4.9   | 3.6  | 1.2                                    | 134.5                               |
| (4) MBE                                    | 2,052  | \$525,907                                  | \$806,969  | 9.8   | 9.9  | 0.0                                    | 99.5                                |
| (5) African American-owned                 | 108  | \$39,689                                   | \$47,382   | 0.6   | 2.2  | -1.6                                   | 26.2                                |
| (6) Total Asian American-owned             | 434  | \$92,532                                   | \$170,462  | 2.1   | 2.1  | 0.0                                    | 97.7                                |
| (7) Asian-Pacific American-owned           | 232  | \$54,641                                   | \$98,160   | 1.2   | 1.7  | -0.5                                   | 70.4                                |
| (8) Subcontinent Asian American-owned      | 187  | \$36,501                                   | \$69,397   | 0.8   | 0.4  | 0.4                                    | 199.0                               |
| (9) Hispanic American-owned                | 893  | \$350,936                                  | \$538,700  | 6.6   | 4.9  | 1.6                                    | 133.6                               |
| (10) Native American-owned                 | 212  | \$21,903                                   | \$50,426   | 0.6   | 0.6  | 0.0                                    | 98.0                                |
| (11) Unknown MBE                           | 405  | \$20,847                                   |  |   |  |  |                                     |
| (12) DBE-certified                         | 2,184  | \$508,010                                  | \$742,215  | 9.0   |  |  |                                     |
| (13) Women-owned DBE                       | 441  | \$60,978                                   | \$71,587   | 0.9   |  |  |                                     |
| (14) Minority-owned DBE                    | 1,722  | \$440,012                                  | \$670,548  | 8.2   |  |  |                                     |
| (14) African American-owned DBE            | 99   | \$34,249                                   | \$41,513   | 0.5   |  |  |                                     |
| (16) Total Asian American-owned DBE        | 338  | \$74,765                                   | \$127,278  | 1.5   |  |  |                                     |
| (17) Asian-Pacific American-owned DBE      | 202  | \$47,748                                   | \$83,914   | 1.0   |  |  |                                     |
| (18) Subcontinent Asian American-owned DBE | 133  | \$26,995                                   | \$43,301   | 0.5   |  |  |                                     |
| (19) Hispanic American-owned DBE           | 702  | \$291,690                                  | \$451,413  | 5.5   |  |  |                                     |
| (20) Native American-owned DBE             | 205  | \$21,184                                   | \$50,081   | 0.6   |  |  |                                     |
| (21) White male-owned DBE                  | 2  | \$78                                       | \$339  | 0.0   |  |  |                                     |
| (22) Unknown DBE-MBE                       | 375  | \$17,864                                   |  |   |  |  |                                     |
| (23) Unknown DBE                           | 22   | \$7,202                                    |  |   |  |  |                                     |

Notes: Spreadsheet rounds numbers to nearest thousand dollars or tenth of one percent. WBE is white women-owned firms.

Source: BBC Research and Consulting Disparity Analysis.